Application Guide
for ETH students and doctoral students
Believing that the dots will connect down the road will give you the confidence to follow your heart.
The transition from university to professional life

Your imminent graduation or doctorate and the search for your first “real” job mark the beginning of a new and significant stage in your life.

The transition to professional life is a bit like learning to surf. It is a process you have to go through until you learn to ride the perfect wave or slice through the water with the wind in your sail. First you have to get in touch with your body, sense of balance and strength, and get a feel for the wind and waves. You need to learn about the proper technique and good equipment, and decide what waters are best for you before you can go out and get your feet wet.

If we apply this analogy to your transition to professional life, it means you need to first get in touch with yourself and in tune with the job market before your applications can succeed. Regardless of what the situation on the job market may be, it is important that you gain clarity about what you want and what skills you can bring to your future job. Finally, you need to know the rules and techniques to polish your application materials to perfection and make a persuasive impression in interviews.

This application guide is here to help you to make the most of every situation on the job market and get off to a good start. It provides advice and encouragement on how to assess your current situation and your professional opportunities, and offers plenty of tips on the application process.
How to use this guide

This is a workbook designed to guide you through the four stages of the application process (see graphic to the right):

If you are just beginning to consider your career prospects, we recommend that you start with the chapter entitled Analysis. If you already have an idea of your personal strengths and interests, but find it challenging to identify industry sectors, companies and jobs that could suit you, then we recommend that you focus on the chapter entitled Exploration. If you are already know which industries, companies and fields of activity appeal to you, feel free to dive right into the Focusing and Application chapters.

1 — Analysis: Know yourself.
2 — Exploration: Discover industries, companies and fields of activity.
3 — Focusing: Take the right approach when looking for a job.
4 — Application: Present the best you – in your application documents and in interviews.
The ETH Career Center

Set up in 2010, ETH Zurich’s Career Center consists of a team of dedicated experts with HR, recruiting and coaching experience in various industries. We are well-versed in the labour market, keep up with the latest trends in recruiting, and constantly strive to improve our services to help you be well-prepared for the transition to professional life.

Alongside this guide, the Career Center offers comprehensive services for the four stages of the application process. We provide one-on-one and small-group counselling to ease your transition into the working world. This is backed up by relevant information you gain through opportunities to connect with valuable contacts in person, at special events, and in workshops. To this end, we collaborate closely with other ETH organisations and keep up a spirited dialogue with industry and with the career services of other universities at home and abroad.

More information about our services is to be found at the end of each chapter of this guide and on our website at → www.careercenter.ethz.ch.

We look forward to helping you make your next big move and wish you every success!

Your ETH Career Center Team
Feedback from students, doctoral students and alumni

“I participated in different ‘soft skills’ seminars, but I never experienced that level of competence, confidence, expertise and care I experienced from the staff during the Career Management Seminar.”

“I really appreciated the time and expertise of the counsellor. For a while the job search was tough and it felt good to get positive feedback and encouragement.”

“Really helpful, fantastic advice!”

“This career event was exceptional and I had a lot of fun meeting the companies in this setting.”

“I found this service one of the best that ETH offers. Thank you to the people working there!”

“Great presenters and well-selected panellists from different companies. I really appreciated the honest answers.”
# 1 — ANALYSIS

<table>
<thead>
<tr>
<th>The three crucial questions</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is important to me?</td>
<td>13</td>
</tr>
<tr>
<td>My interests</td>
<td>13</td>
</tr>
<tr>
<td>My values</td>
<td>20</td>
</tr>
<tr>
<td>What am I good at?</td>
<td>28</td>
</tr>
<tr>
<td>My technical skills</td>
<td>29</td>
</tr>
<tr>
<td>My character strengths</td>
<td>31</td>
</tr>
<tr>
<td>My transferable skills</td>
<td>36</td>
</tr>
<tr>
<td>Evidence of my skills</td>
<td>38</td>
</tr>
<tr>
<td>What do I need?</td>
<td>40</td>
</tr>
<tr>
<td>My needs and expectations</td>
<td>40</td>
</tr>
<tr>
<td>Summary</td>
<td>42</td>
</tr>
</tbody>
</table>
The three crucial questions

Careful assessment of where you stand is the first step in the application process. It is your launch pad for exploring career options, for focusing on specific sectors and companies, and for the application itself. A rigorous self-analysis will help you focus on organisations and career opportunities that match your personality and abilities. It will also enable you to project competence and confidence when you meet prospective employers.

This assessment is all about you getting a clear picture of your interests, skills, values and needs:

- **What is important to me?**
- **What am I good at?**
- **What do I need?**

On the following pages you will find a variety of questionnaires and exercises that will help you to get to know yourself better. They are meant to encourage you to reflect on and to identify your interests, competencies and values.

Take as much time as you need for this self-analysis. Find a quiet spot, free from distractions, where you can make the most of this exercise.
What is important to me?
My interests

Our lives revolve around our interests – at play and at work. These interests can guide our career choices; they are key motivational factors that influence our job satisfaction. The more we enjoy what we do, the more motivated we will be to engage and excel.

What are your main interests and what motivates you? Take your time answering the following questions to help you identify your interests.
1. What are your main interests? Write down the three topics that immediately come to mind.

2. What were you doing the last time you felt, “this is really interesting”?

3. What do you like to do in your free time?

4. What do you like to read and talk about?

5. What are/were your favourite subjects at university/school?

6. What social issues or problems do you frequently have on your mind?
7. In what activities do you become so deeply absorbed that you lose all track of time?

8. Which successes are you particularly proud of?

9. What kind of people do you prefer to work or share company with?

10. Of all the people in the world, whose job would you like most?

How did it go answering these questions? Was it easy to reflect on yourself like this? Did you perhaps discover something you were not aware of before now?

If you can, discuss your answers with your family or friends and ask them how they see these things.
Another way to explore your interests is to learn more about your preferences. There are **four fundamental preferences** to address:

- **People** – an interest in teaching, counselling, selling, service, etc.
- **Data** – an interest in working with facts, figures, statistics, etc.
- **Things** – an interest in working with plants, machines, buildings, etc.
- **Ideas** – an interest to design, model, invent, etc.

Professions and job functions are usually based on one or a combination of two of these dimensions.

The following questionnaire can help you determine your fundamental preferences.

---

**Do you like to...**

<table>
<thead>
<tr>
<th>Focus on people</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Teach people</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Listen to friends</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Help people</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Lead a group or club activity</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Mediate in a conflict between two people</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Run for office</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Entertain children</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td><strong>Total, focus on people</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Focus on data</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Take up research on a given topic</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Take part in a club as its treasurer</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Conduct scientific experiments</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Work with numbers and statistics</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Calculate a car’s fuel consumption</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>Program software</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td><strong>Total, focus on data</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
If you scored high in the **people** section, you may feel comfortable in a service-oriented environment or a people-oriented function, or teamwork may be particularly important to you. You should bear these things in mind when applying for jobs.

If your score for the **data** section is high, you are likely to prefer a job that involves analysing and applying data to develop new ideas or proposals.

People who like to work outdoors or with animals, plants, tools and materials are interested in **things**. A high score in this section means that you are likely to feel less comfortable in a job where you sit at a computer all day, working with heavy topics and abstract ideas. A job that involves a lot of hands-on work will probably be most satisfying in this case.

<table>
<thead>
<tr>
<th>Focus on things</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Bake a cake</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Repair a car or a machine</td>
<td>☒</td>
<td>☐</td>
</tr>
<tr>
<td>Make crafts or sew</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Build things made of wood, metal, etc.</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Operate devices or machines</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Garden or do landscaping</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td><strong>Total, focus on things</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Focus on ideas</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Decorate a room</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Write poems or lyrics</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Publish an article in a blog or magazine</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Solve a problem</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Perform in a play</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Play an instrument</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td>Invent a new product</td>
<td>☒</td>
<td>☒</td>
</tr>
<tr>
<td><strong>Total, focus on ideas</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Ideas are becoming increasingly important with advancing technology and globalisation, and they can set us apart from the competition. If you achieved a high score for the ideas section, you will probably feel most comfortable in a creative and innovative environment where you can work on new solutions, for example, pursuing an entrepreneurial venture or discovering and developing new medicines or materials.

When reflecting on these four fundamental preferences, do you have any further interests that are not mentioned above? List them in the box below.

To summarize, review your answers (pages 14 – 18) and note your three main areas of interest.

The three areas that interest me most:

1. 
2. 
3.

How do you see your areas of interest being part of your job?
**World of Work**

The “World of Work” map graphically shows how occupations relate to each other based on work tasks and preferences. Use it to explore possible job areas in relation to your interests and preferences.

Source: [http://www.act.org/content/dam/act/unsecured/multimedia/wwmap/world.html](http://www.act.org/content/dam/act/unsecured/multimedia/wwmap/world.html)
My values

When we assess ourselves to determine our career options, we tend to focus on identifying skills and qualifications rather than taking enough time to reflect on our core values and how they relate to our skills. If you factor your values into this assessment, this can help you identify the employers and positions that are not only the best match for your skills, but are also the best fit for those deeply held beliefs that motivate you most.

Your values are priorities that guide your decisions in life; they help you put your experiences into perspective and lend them meaning. Your core values are the things that you see as being your mission in life.

The more in line your professional life is with your values, the greater the chances of you finding success and satisfaction in your job. Work situations that run counter to your fundamental values can trigger internal conflicts.
Many men go fishing all of their lives without knowing that it is not fish that they are after.

HENRY DAVID THOREAU
It is hard to identify your core values without a self-analysis to see where you stand. The following questions are aimed to get you thinking about the values that guide you through the day and matter to you most. Take your time answering these questions and be sure to consider as many aspects of your life as you can.

1. Who do you admire? List three admirable qualities of this person.

2. What did you love to do as a child? Describe this activity (or these activities) and what you liked about it.

3. Call to mind a significant moment in your life; an experience that stood out. What happened at that moment? What values mattered to you most at that time?

4. Call to mind a situation where you were angry, frustrated or sad. What triggered it? Now turn your thoughts in the other direction: What values were being suppressed at that moment?

5. What does success mean to you?
6. At what moments did you feel fulfilled in your life?

Reading through your answers above, do you detect a pattern? Can you list the fundamental values that guide you through life? There is no need for concern if this exercise seems a bit challenging at first. It may take some time before you can come up with answers and see a pattern. The important thing is that you start becoming aware of your values and putting them into words.

Please note that a job does not have to – and cannot – honour all of our values. We can also express our values outside of work. So think about this: What values does your job have to honour to keep you motivated? And are there any values that you want to express only in your private life and on your own time?

The following exercise serves to help you identify the values that are important to you on the job. Rate these values from 1 to 4, with 1 being “not important” and 4 being “very important”.

7. What three fundamental values would you convey to your children and why?

8. If we lived in a perfect world, how would people behave differently than they do today?
<table>
<thead>
<tr>
<th>Values</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Advancement</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be able to get ahead rapidly, gaining opportunities for growth and seniority from work well-done.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Adventure / risk-taking</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have duties which involve frequent physical, financial or social risk-taking.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aesthetics</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be involved in studying or appreciating the beauty of things, ideas, etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Altruism</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do something to contribute to the betterment of the world or a greater good.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Balance</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have a job that allows room and time for other passions, leisure, family, etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Challenge</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work with complex questions and on demanding tasks, troubleshooting and problem-solving.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Change and variety</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have a wide range of work responsibilities, frequently changing in content, setting, people and/or activities.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Competition</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engage in activities that measure my abilities against others.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Creativity / innovation</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be able to contribute and work with my creative ideas.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Competence</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tasks that allow me to demonstrate a high degree of expertise and mastery of job skills and knowledge.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fast pace / time pressure</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work in circumstances where work is done rapidly.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flexibility</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work according to my own time schedule.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Friendships</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A good working atmosphere and an environment in which I can build good, personal relationships with people.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fun</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have opportunities to be playful and humorous at work.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Harmony / tranquility</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Avoid pressures and stress in job role and work setting, and seek harmonious relationships.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Values</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Help others</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be involved in helping or being of service to people, either individually or in groups.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Income / financial reward</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Earn a larger than average amount of income.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Independence / autonomy</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be in a position with little direction or instructions from others; few regulations and room to make my own decisions.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Influence</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Be in a position to influence attitudes or opinions of other people.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Make decisions / power</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Make decisions regarding courses of action, strategies or the work activities of others.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Moral / spiritual fulfilment</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Feel that my work is consistent with my ideals or moral code.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Personal growth</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have work which enables me to grow as a person.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recognition</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Get positive feedback and public credit for work well done.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Security</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have a stable work environment and reasonable financial reward.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Stability</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have a work routine and job duties that are largely predictable and not likely to change over a long period of time.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Status / prestige</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gain the respect of friends, family and of the community by the nature and/or level of responsibility of my work.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Teamwork</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have close working relations with my colleagues; work as team towards common goals.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Work alone</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Do projects largely by myself, with little contact with others.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Source: University of Denver*
Select the five values that are most important to you. Then prioritise them in order of importance.

My five most important values:

1. 
2. 
3. 
4. 
5. 

How would you like to see your top five values expressed in your occupation? What corresponding expectations do you have towards your job and employer?
Knowing yourself is the beginning of all wisdom.

ARISTOTLE
What am I good at?

The second step of the analysis is to clarify where your abilities and skills lie. We all tend to take our abilities for granted. Usually we are capable of a lot more than we realise. It is important to know what you are good at when you start applying for jobs. In every application and every job interview, you have to be able to demonstrate your technical and social strengths and know what your weaknesses are.

**Technical skills** are reflected in specialised or applied knowledge. This is the knowledge that you acquired at ETH, at school or in further education programs. It can easily be substantiated with grades and certificates. However, this technical knowledge can very quickly become dated as technology and science make strides. That is why it is important to keep refreshing and expanding this knowledge in pursuit of life-long learning.

Recruiters seeking ideal candidates are looking not only for technical skills, specialised knowledge and research expertise. They are actively searching for a broader skill-set that applicants can bring to the organisation. Examples include the ability to work in a team, leadership and communication skills, and the like.

Many employers think that if you are able to use a skill in one situation, you should be able to use that skill in another job – even if the work appears to be unrelated. These are called **transferable skills**. You acquired these abilities in the course of your life, at play, at home, at work and during your studies or perhaps an internship or other extracurricular activities. And you can transfer them to other situations and jobs. You put these skills to daily use.
My technical skills

Technical skills acquired at ETH include, for example, your knowledge in mathematics, physics or chemistry. Other examples of technical skills include a knowledge of processes, methods, manufacturing, materials, business management and norms, and a command of computational tools, databases and simulation software.

Making use of all your school and university certificates, employment references and language qualifications, list all of your technical skills in the following table. Confirmations of internships, vacation jobs and voluntary activities may also substantiate special qualifications.

Drawing up a list of your skills is not only the key to determining where you stand. This also helps you analyse job offers and write your CV (see the chapter Focusing → Job advertisement).
### My technical skills acquired at ETH or other schools

<table>
<thead>
<tr>
<th>University/school</th>
<th>My strongest subject</th>
<th>Subjects that I am/was weaker in</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g. ETH</td>
<td>e.g. nano systems</td>
<td>e.g. chemical analysis</td>
</tr>
</tbody>
</table>

### My technical skills gained in internships, part-time jobs, hobbies and other engagements

<table>
<thead>
<tr>
<th>Place of internship, jobs, etc.</th>
<th>Technical knowledge that I successfully applied and expanded</th>
<th>Technical knowledge that I found harder to apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g. internship at Appway</td>
<td>e.g. using PowerPoint for company presentations</td>
<td>e.g. using C++</td>
</tr>
</tbody>
</table>
My character strengths

Each of us has certain personality traits that make us unique and enhance our ability to perform various tasks well. Identifying these character strengths before you start looking for a job can help you discover what kind of corporate culture and team you want to work in. The more a corporate and team culture matches your personality and values, the more motivated and engaged you will be.

The questionnaire on the following pages serves to help you identify your character strengths. Take a few minutes to read through it and then rank yourself for each trait on a scale of 1 (I hardly ever exhibit this trait) to 4 (I often exhibit this trait). Then give the list to a friend or family member and ask them to rank you on each trait.
<table>
<thead>
<tr>
<th>Character strengths</th>
<th>Me</th>
<th>Friend</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achiever</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adaptive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ambitious</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assertive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Astute</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Athletic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Authentic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brave</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cheerful</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communicative</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Compassionate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Competitive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Conciliatory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Considerate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consistent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooperative</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Curious</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delicate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diplomatic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dynamic</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Character strengths</th>
<th>Me</th>
<th>Friend</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emotional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Empathetic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enterprising</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enthusiastic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entrepreneurial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fastidious</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fault-finding</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fiery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Focused</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Forgiving</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Friendly</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generous</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Go-getter</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Good listener</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardworking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helpful</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honest</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Humorous</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Idealistic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Character strengths</td>
<td>Me</td>
<td>Friend</td>
<td>Family</td>
</tr>
<tr>
<td>---------------------</td>
<td>----</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Imaginative</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Independent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inspirable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interested</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inventive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Knowledgeable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leader</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Level-headed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logical</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mediating</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modest</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonchalant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Open</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organised</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Original</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outgoing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patient</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Political</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Positive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Practically inclined</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proactive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Productive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quality-conscious</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rebellious</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Results-oriented</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self-reliant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Selfless</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensitive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sincere</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skilful</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Strong</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thoughtful</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trustworthy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Understanding</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warm-hearted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well-adjusted</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well-read</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
How does your assessment compare to others’ assessment? Do they match? Or are there hidden strengths (e.g. traits where others gave you a higher score than you gave yourself)? Or are there blind spots (e.g. traits where you ranked yourself higher than others did)? List them here:

<table>
<thead>
<tr>
<th>Character strengths</th>
<th>Confirmed strengths</th>
<th>Hidden strengths</th>
<th>Blind spots</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(My assessment agrees with that of others)</td>
<td>(Others’ assessment was higher than mine)</td>
<td>(My assessment was higher than others’)</td>
</tr>
</tbody>
</table>

**NB:**

**Hidden strengths** – Traits where you ranked yourself lower than others did. Perhaps you are unaware of these strengths and therefore less likely to put them to use. You may avoid situations where you could put them to use because you lack confidence in this trait. This can prevent you from reaching your full potential.

**Blind spots** – Traits where you ranked yourself higher than others did. Perhaps you are unaware of certain weaknesses in these areas and therefore tend to play down their importance or avoid opportunities to develop these qualities. Do not be upset if you have blind spots – we all have them! The important thing is that you are aware of them and start looking for opportunities to develop these qualities – especially if they are essential to the job you seek.
As mentioned before, transferable skills are acquired through experiences in and outside the university at campus activities, internships, part-time jobs, sports, etc. These are skills that you can transfer to other situations and jobs. Typical examples include communication, leadership and organisational skills. You may or may or not have work experience, but you surely have more transferable skills than you think.

Listed below are some transferable skills that employers often seek. Take a minute to read through the list and then rank yourself for each ability on a scale of 1 (I hardly ever exhibit this ability) to 4 (I often exhibit this ability). Be as honest with yourself as you can. The goal is not to attain a 4 for every ability. Then give the list to a friend or family member and ask them to evaluate you for each skill.

<table>
<thead>
<tr>
<th>Transferable skills</th>
<th>Me</th>
<th>Friend</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysing and critical thinking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solving complex problems and managing data</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching and researching</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Creating and innovating</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formulating concepts and strategies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Planning, organising and coordinating</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Following instructions and directions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accepting and adapting to change</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coping with pressure and setbacks, not giving up</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Achieving personal goals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entrepreneurial and commercial thinking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assessing and making decisions</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transferable skills</td>
<td>Me</td>
<td>Friend</td>
<td>Family</td>
</tr>
<tr>
<td>-----------------------------------------</td>
<td>----</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>Taking action</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taking responsibility and getting things done</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service-mindedness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leading, managing and supervising</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ability to collaborate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Networking and establishing relationships</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Persuading and influencing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communicating and presenting information</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Writing and reporting</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

How does your assessment compare to others’ assessment? Do they match? Or are there hidden strengths (e.g. abilities where others gave you a higher score than you gave yourself)? Or are there blind spots (e.g. abilities where you ranked yourself higher than others did)? List them here:

<table>
<thead>
<tr>
<th>Transferable skills</th>
<th>Confirmed strengths</th>
<th>Hidden strengths</th>
<th>Blind spots</th>
</tr>
</thead>
<tbody>
<tr>
<td>(My assessment agrees with that of others)</td>
<td>(Others’ assessment was higher than mine)</td>
<td>(My assessment was higher than others’)</td>
<td></td>
</tr>
</tbody>
</table>

Source: shl competency framework, Future of Jobs Report WEF, Knackonomics
Evidence of my skills

Citing specific examples of where and how you acquired and applied your technical and transferable skills will make your CV more compelling. It will also add credibility to the answers you give to questions during the interview, as prospective employers also want to hear about activities where you acquired, applied and expanded your skills.

To do this, take the list of your identified skills and look for specific examples of situations in which you put them to good use. Make sure you can illustrate each example using the STAR method:

- **Situation:** What was the situation? Describe the example’s context and background.
- **Task:** Describe the task and challenge you faced at the time.
- **Activity:** Explain what you did and how you did it.
- **Results:** Show the outcome, including feedback, benefits, rewards, etc.

<table>
<thead>
<tr>
<th>Skill</th>
<th>Example of how I put it to use</th>
</tr>
</thead>
</table>
| Coping with pressure and change | • **Situation:** Starting my internship, I was told that I would be using a computer program I knew well. However, many of my job tasks soon changed when the company was restructured.  
                                    • **Task:** Now I had to use an unfamiliar computer program, and my supervisor expected me to know what to do.  
                                    • **Activity:** I was not going to let this unexpected change throw me off, so I decided to see my supervisor to talk about the new computer program. I told him that I could quickly familiarise myself with it, but I would need time to learn how to use it properly. I got the training I needed very soon after our talk, which made the job less stressful.  
                                    • **Results:** I was able to learn the new program very quickly with some practice and extra evening effort. My supervisor let me know he was very pleased: I had told him straightaway what I needed to be successful rather than hiding the fact that I was unfamiliar with the program. He said that he would surely be assigning challenging tasks to me in the future because I had shown the ability to take the initiative and ask for support. |
<table>
<thead>
<tr>
<th>Skill</th>
<th>Example of how I put it to use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td></td>
</tr>
<tr>
<td>Activity</td>
<td></td>
</tr>
<tr>
<td>Results</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skill</th>
<th>Example of how I put it to use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td></td>
</tr>
<tr>
<td>Activity</td>
<td></td>
</tr>
<tr>
<td>Results</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skill</th>
<th>Example of how I put it to use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td></td>
</tr>
<tr>
<td>Activity</td>
<td></td>
</tr>
<tr>
<td>Results</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skill</th>
<th>Example of how I put it to use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td></td>
</tr>
<tr>
<td>Activity</td>
<td></td>
</tr>
<tr>
<td>Results</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skill</th>
<th>Example of how I put it to use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td></td>
</tr>
<tr>
<td>Activity</td>
<td></td>
</tr>
<tr>
<td>Results</td>
<td></td>
</tr>
</tbody>
</table>
What do I need?
My needs and expectations

There are a few additional criteria you need to consider before you start looking for a job.

Ideally, the job you want will suit your needs. However, bear in mind that you may need to be a little more flexible with your expectations depending on the situation on the job market.

Further needs and expectations
Do you have specific expectations of your working conditions (e.g. holidays, benefits, workplace equipment, etc.)?

<table>
<thead>
<tr>
<th>My mobility and availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Would you be willing to move for your preferred job?</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>Would you be willing to travel as part of your job?</td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td>What percentage of the time would you be willing to travel?</td>
</tr>
<tr>
<td>10 – 20 %</td>
</tr>
</tbody>
</table>

Where would you be willing to move or travel to?

<table>
<thead>
<tr>
<th>Switzerland</th>
<th>Europe</th>
<th>Rest of the world</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zurich area</td>
<td>German speaking parts of Europe / DACH</td>
<td>USA</td>
</tr>
<tr>
<td>Eastern Switzerland</td>
<td>Northern Europe</td>
<td>Canada</td>
</tr>
<tr>
<td>Central Switzerland</td>
<td>Eastern Europe</td>
<td>South America</td>
</tr>
<tr>
<td>North-western Switzerland</td>
<td>South-eastern Europe</td>
<td>Asia</td>
</tr>
<tr>
<td>Mittelland</td>
<td>Western Europe</td>
<td>Middle East</td>
</tr>
<tr>
<td>French-speaking Switzerland</td>
<td>Southern Europe</td>
<td></td>
</tr>
<tr>
<td>Ticino</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Would you like to work full-time or part-time?
(Please note that finding a part-time job is not easy.)

| Full-time | Part-time |
Compromises
What compromises would you make to get your dream job – or any job?

My mobility and availability

Would you be willing to work not only during the day, but also at other times (such as evenings)?

- Daytime
- Evenings
- Nights
- Weekends
- Irregular working hours

Reflections:

Summary
The building blocks for exploring

The lists of your interests, skills, values and needs that you drew up in this chapter provide the compass points for the next steps in the application process. Your values have an impact on your selection of potential employers. Alongside your interests and skills, they will flow into your application documents and interviews.

<table>
<thead>
<tr>
<th>Summary – my analysis</th>
<th>Summary – my analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>My interests</strong></td>
<td><strong>My strongest technical skills...</strong>... and where I have demonstrated them</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

| **My values**         | **My strongest transferable skills...**... and where I have demonstrated them |
| •                     | •                     |
| •                     | •                     |
| •                     | •                     |

| **My needs and expectations** |
| •                             |
| •                             |
| •                             |
**Tips: Analysis**

- Compare the results of the analysis with your personal development: Pay special attention to your strengths and try to maintain and build on them. Determine how relevant the identified weak spots are and if they need to be improved.
- Take every opportunity to explore, try out and apply your interests, skills and values. Talking to colleagues, taking part in clubs, and analysing potential are great ways to do this.
- Bear the results of your analysis in mind throughout the application process. Before each application, remind yourself of what is important to you, what you are good at, and what you need.

**ETH Career Center Service: Analysis**

- Individual counselling to determine your interests, skills and values
- Resource library with books, magazines and brochures covering all aspects of applying for a job
- Career Management Seminar for doctoral students

**Information**

www.careercenter.ethz.ch – for students and doctoral students
You cannot discover new oceans unless you have the courage to lose sight of the shore.

ANDRÉ GIDE
2 — EXPLORATION

My job market 48
  Overview of industry sectors 50
  Companies and potential employers 52
  Fields of activity 54

Job profiles 57
  Real-world examples 57

Entry-level positions 88

Networking 90
  What is networking? 90
  Social networking platforms 96
  Sample LinkedIn profile 98
  ETH networks on LinkedIn 101

Summary 102
My job market

Exploration is all about getting a good picture of your career options. There are so many different career paths to choose from – more than many ETH graduates realise.

Before you apply to a company or an institution, you should have a clear idea about the sector you want to work in, the companies in the various sectors, and the type of activity you wish to pursue. That means you need to explore “your” job market. Your interests (see the chapter entitled Analysis → My interests), fields of study, and the topic of your bachelor’s or master’s thesis should steer you in the right general direction.

But there are many other channels that can help you get a clearer picture of your career options. Check out career events at the ETH, company trade fairs, business associations, industry networks, personal contacts, and professional online networks (see also the Exploration → Networking section in this chapter).
Perhaps your interests or an internship experience have planted the seed of an idea in your mind about the sectors that appeal to you most. You can learn more about prospective companies acting in those sectors through industry associations and then explore potential fields of activity in these companies via their websites and LinkedIn.

Perhaps you already have some wishes or ideas about what you want to do and what the job should do for you, but have yet to find companies and sectors that offer these opportunities. In that case, try reversing the order of your exploration. Search for desired fields of activity on Xing or LinkedIn using keywords, find profiles of people at specific companies, and then look at their jobs to learn more about the sectors.

So you can start identifying your potential job market either by exploring sectors first (top-down), or by exploring fields of activity first (bottom-up) – it works both ways. The important thing is to start exploring!
Overview of industry sectors

The following tables provide an overview of private sector industries and public institutions usually looking for ETH graduates.

Mark and prioritize the sectors that interest you most.

**NB:**

The following list provides a detailed but not exhaustive overview. The procedure described in the opening paragraphs of this chapter is one way of identifying other sectors.

<table>
<thead>
<tr>
<th>Public institutions and non-profit companies (examples)</th>
<th>1st priority</th>
<th>2nd priority</th>
<th>3rd priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural advisory service</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development cooperation/NGOs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government and public administration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power companies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public administration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public transport</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research institutes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary schools, technical colleges and universities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Private-sector industries (examples)</td>
<td>1st priority</td>
<td>2nd priority</td>
<td>3rd priority</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-------------</td>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Aerospace</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Architectural services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automotive</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Banking, finance, insurance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomechanics, biotechnology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Biomedical industry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical and process engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer and information sciences</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consulting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consumer goods</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drive and control technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronics and consumer electronics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engineering, planning and surveying</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extractive industry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fertilizer, feed, and crop protection industry</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Private-sector industries (examples)</th>
<th>1st priority</th>
<th>2nd priority</th>
<th>3rd priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food industry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Healthcare</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Machine engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Media, journalism</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metalworking</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packaging industry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pharmaceuticals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power generation, transmission and distribution</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production and automation engineering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Semiconductor, micro and nanotechnology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sports, fitness, wellness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telecommunications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Textiles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Watch-making</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Companies and potential employers

As a next step, you need to consider what is important to you in a future employer. You have already taken the first step by analysing your values and needs.

The following table lists additional criteria that may also matter to you when choosing an employer.

Consider each of these qualities and determine if it is important to you in a future employer and job. Rate them from 1 to 4, with 1 being “not important” and 4 being “very important”. Are there other points you need to consider?

This list of your requirements will be useful later, especially when you are assessing different job advertisements or even job offers. Use it as a tool to decide which jobs best meet your requirements or even to help you prepare for job interviews (see chapter Application → Interview).
### What is important to me in an employer?

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size [large corporation, SME, startups, ETH spinoff*]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National or multinational operation</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business offering [products, services]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stability [financial situation, competition]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organizational structure [flat, hierarchical]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporate culture [dynamic, traditional, conservative]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>People development [entry-level positions, training programs, career prospects]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Work/family life balance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job security</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pay package [salary, fringe benefits]</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flexible working hours</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other criteria:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other criteria:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other criteria:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* ETH startups and spinoffs can also be a great career gateway for graduates. The tips in this application guide apply to these companies as well.

### Tips: Exploration

Where can I learn more about potential employers?

- Company websites [annual reports, organizational charts, press releases, career pages]
- Chambers of commerce and industry and other professional associations
- Business sections of daily and weekly newspapers and trade magazines [information about company and management]
- Other online sources such as Xing or LinkedIn and employer rating platforms such as Kununu and Glassdoor
- Conversations with people in your extended network
- Career events [see chapter Exploration → Networking]
Fields of activity

Now that you have a better picture of the sectors and potential employers that interest you, you can start thinking about what kind of job you would like to find there. When you choose a specific line of work, you are setting an initial course for your future career. That decision has to work for you now. However, the option of changing directions will still be open to you later.

The table on the next pages gives you a big-picture look at potential fields of activity or jobs. Checkmark and prioritize the options that interest you most.

If these fields of activity seem vague to you, or if you don’t know what lies behind them, the following sources can help you learn more about them as well as about specific job descriptions:
The ETH website lists fields of activities for all study programs (in German only: ETH Zürich/Studium/Bachelor/Studienangebot/Studiengang/Berufswelt). Some study programs discuss specific job profiles in their brochures.

Some ETH departments provide brochures with specific job profiles in PDF format. Available online, they can be found using the following search terms (most of them are only published in German):

- Careers
- Berufe
- Berufsbilder
- Berufsmöglichkeiten
- Berufswelt
- Berufsfelder
- berufliche Perspektive

The Schweizerische Dienstleistungszentrum für Berufsbildung, Berufs-, Studien- und Laufbahnberatung has posted fields of activities for all kinds of study programs on its website at www.berufsberatung.ch (professions/career opportunities after university studies).

You can also find fields of activities that interest you on LinkedIn and Xing and via job ad searches in online job portals using general key words such as “physics” or “environment”.

ETH alumni are also good sources of first-hand information on jobs. Take advantage of opportunities to talk to them about their current activities or careers by reaching out to them at ETH Career Center and ETH Alumni events and via private channels.
### Fields of activity (examples)

<table>
<thead>
<tr>
<th>Fields of activity</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; priority</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; priority</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting and controlling</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Administration</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Compliance, legal, corporate affairs</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Consulting, planning and strategy</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Customer service</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Engineering</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Human resources, training</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Information technology and software</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Infrastructure and real estate</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Logistics and transport</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Management</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Manufacturing and commissioning</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Marketing and communication</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Media and design</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Process management</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Project management</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
</tbody>
</table>

### Fields of activity (examples)

<table>
<thead>
<tr>
<th>Fields of activity</th>
<th>1&lt;sup&gt;st&lt;/sup&gt; priority</th>
<th>2&lt;sup&gt;nd&lt;/sup&gt; priority</th>
<th>3&lt;sup&gt;rd&lt;/sup&gt; priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchasing and procurement</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Quality assurance</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Research and development</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Sales, distribution and account management</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Other fields of activity</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Other fields of activity</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
<tr>
<td>Other fields of activity</td>
<td>■</td>
<td>■</td>
<td>■</td>
</tr>
</tbody>
</table>

**NB:**
This list provides a broad but not exhaustive overview of potential fields of activity.
Job profiles
Real-world examples

In this next section of the ETH Application Guide you can read about various and diverse jobs that former ETH students are now performing. Explore them to get a better idea of different job profiles and potential employers.

ABB  PwC
Axpo  Roche
BCG  Ruag
Federal Administration  Siemens
Helbling Technik  Sika
Losinger Marazzi  Tiefbauamt Zürich
McKinsey & Company  Zühlke
Novartis

ETH Application Guide 2020
Timothé Nerlich, 30
MSc ETH in Mechanical Engineering
Project Manager Service for Traction Drives at ABB

How did you find your job?
After completing my studies, I attended ABB’s Poly-lecture at the Polymesse, where I learned more about ABB’s trainee program. Afterwards I had the chance to exchange ideas with current trainees at the trade fair booth. They were able to convince me that the trainee program would help me to find the right job that suits me best.

What influenced your decision to join ABB?
ABB is a company with a long history, but one that drives innovative solutions at the forefront. The company is strongly represented worldwide with a wide range of products and a lot of know-how. I wanted to join a company where I can learn a lot and interact in an international environment.

What does a typical working day at ABB look like?
I am a service project manager for traction drives. ABB Traction deals with drive technology in trains and e-buses. I myself am responsible for the e-bus division and can therefore experience the rapid development of e-mobility up close. I form the interface between all external and internal stakeholders. In my diversified day to day life I have a lot of direct contact with other people and do not lose touch with technology, which is very important to me, given my study background.

What in particular do you like about your job at ABB?
I enjoy the trust of the company to be able to work very independently. On top of that, the helpfulness of my colleagues surprised me positively right from the start. You can always ask everything and you will find open ears. The resulting discussions are purposeful and constructive. Here people want to help each other in order to find a solution together.

What advice do you have for students starting their professional career?
Many graduates often forget to look at the entire package of a job position. From conversations with friends and from my own experience at ABB, I learned that a company’s work culture and the work environment have the greatest impact on well-being. Talk to fellow students about their job search and entry experience and try to learn as much as possible about the company, its working environment, and your potential future team when applying for a job.
Achievement begins with you.

Get to know more about our employees and their career stories here: you.abb.ch
Philipp Lütolf, 29  
MSc ETH in Electrical Engineering and Information Technology  
IoT Solution Engineer, Ex Trainee Engineering Axpo

How did you find your job?  
Early on in my studies, I got to know Axpo as the largest energy company in Switzerland and could imagine myself starting a career at Axpo. When I came across the trainee program on the Axpo website and talked to former trainees at the “AMIV Kontakt” job fair. Their positive feedback confirmed my decision.

Why did you decide to join Axpo?  
I always strived for a career in the future of the energy supply. Axpo is the largest Swiss producer of renewable energies and is the ideal employer for me to pursue this career path/to realize this career goal of mine. Of course, Axpo’s trainee program also played a role in my decision. I get to know different departments as a trainee and to build up a network across the group as a unique opportunity to start my career.

What does your working day look like?  
I work in the Renewable Energies division on an innovative battery project. As an IoT Solution Engineer I am the interface between the business and the development team. My tasks include the project management with external service providers, programming and developing concepts for control systems and web applications. I also support my team colleagues in market analysis, technical developments and other tasks.

What do you particularly appreciate about your work at Axpo?  
The diverse tasks and the exciting projects motivate me. Because we are a small team, I can contribute my own ideas and directly influence the success of a project. What I particularly like about my job is that I am faced with new challenges and learn something new every day. There’s never a dull moment!

What do you recommend to students for their career entry?  
Think early on which activity you particularly enjoy and which companies are suitable. Take the opportunity to get in touch with companies already at ETH and talk to their employees about their work. For me personally, an internship during my studies helped a lot.
As a Swiss energy company with local roots and an international presence, Axpo offers to students, doctoral candidates and university graduates a wide range of opportunities. The best conditions to start a successful, exciting career. axpo.com
Lisa Fried, 31
MSc in Biotechnology, Dr. sc. ETH in Epigenetics
Consultant at The Boston Consulting Group

How did you find your job?
Some of my current colleagues at BCG are friends of mine from college. That already gave me some insight into the working methods and broad range of topics at a management consultancy and allowed me to establish additional contacts. The work fascinated me, and towards the end of my PhD studies, I sent in my application.

Why did you decide to take a job at Boston Consulting Group (BCG)?
My college and PhD studies were focused on one topic area. It was important to me to acquire an eye for other opportunities and topics again. The work in a management consultancy offers an exceptional range and, with it, a whole lot of variety, many opportunities to see something unfamiliar, and support in learning new things. I decided on BCG in particular because of its positive corporate culture and its people. I figured that if my friends have been working there for years, I’m sure to be happy.

What does your typical work day at BCG look like?
There is no typical work day! The breadth of projects at a management consultancy is matched only by the diversity of tasks arising from them. Our work with and for the respective client is accompanied by meetings, supporting workshops, and animated discussions in the team. And, of course, PowerPoint has become my daily companion.

What’s the best thing about your work at BCG?
What I appreciate most is the positive and inspiring atmosphere in the team and the opportunity to work every day with competent, motivated people. I’m also excited by the variety of topics and different projects. Every day, we address interesting challenges that global companies are facing, both today and in the near and distant future.

What recommendations do you have for students on the verge of starting their careers?
Build networks and use your talents. The skills you have acquired at ETH go far beyond pure expert knowledge. Be open and let yourself be inspired at the career fairs and recruiting events organized at ETH. It is also a good idea to take a little break before starting your career to travel a bit!
JOIN LISA IN OUR CONSULTING TEAM

Right after finishing her PhD in epigenomics at ETH Zurich, Lisa started consulting at BCG. Are you ready to jump start your career? Create your own path via www.bcg.ch/careers
Vanessa, Reininger, 40  
Dr. sc. ETH Zurich  
Project manager of pesticide soil monitoring at the National Soil Monitoring Network NABO at Agroscope

**How did you find your job?**  
I had previously worked as a biologist at Agroscope in Wädenswil in the field of phytopathology and applied for a position at NABO at the Reckenholz site. When my current supervisor called me, I found out that the advertised position was already filled. However, another position, to which I would fit even better, was available. This resulted in a satisfying interview for both sides.

**What influenced your decision to join Agroscope?**  
As a scientist, I enjoy working in applied research and would like to use my skills for the common good, the Swiss Confederation offers me the best opportunities to do so. Furthermore, I have not aspired to an academic career. I very much appreciate the open and good working atmosphere at Agroscope, also from my time at the Wädenswil site.

**What does a typical working day at Agroscope look like?**  
The aim is to set up a plant protection product (PPP) soil monitoring system for the whole of Switzerland. I am technically involved in soil, biological and PPP-related questions and evaluations. In addition, interaction with external partners is a priority, as we are building up our network for sampling. Then it’s time to pull on rubber boots and get off into the field.

**What in particular do you like about your job at Agroscope?**  
The variety of activities is a lot of fun for me and breaks up my daily working routine. I really appreciate the interaction with different people and am happy to be able to access the network I have built up in the meantime.

**What advice do you have for students starting their professional career?**  
Gather as much practical experience as possible, this can be a door opener with companies. You stand out from the crowd and not only bring along the study contents, which are often not very relevant in your job. I have also had very good experience with working abroad, which is very important in a CV. This is especially important at the beginning of a career and also helps you to get ahead.

Note that you have to master two national languages if you want to work for the federal administration.
I contribute towards the health of our population. I’m working for Switzerland.

Danyal
Biology,
Specialist in epidemiology

stelle.admin.ch

Swiss Federal Administration
Working for Switzerland
David Hasler, 32  
MSc in Mechanical Engineering, PhD in Biomedical Engineering (University of Bern)  
Project Engineer at Helbling Technik Wil AG

How did you find your job?  
I learned about Helbling Technik during an involvement in a CTI project. I was impressed by the diversity of the projects at Helbling and their large knowledge base. When later I was looking for a job, I checked regularly the openings on their website. At a certain point I found something that matched quiet well with my profile and interests.

What influenced your decision to join Helbling Technik?  
Primarily, because the described function of the job was very interesting. While looking and applying for jobs for several months, I realized, I would have to make one or several compromises regarding my preferences. That was not the case with the job at Helbling, where my function was specifically associated with engineering and even scientific tasks. At that time, I wanted to find a job that allowed me to apply the knowledge that I gathered during my studies at ETH.

What does a typical working day at Helbling Technik look like?  
I’m working on projects which take place in the field of process technologies. We develop sanitation solutions (toilets) which operate in environments with water scarcity, and which are capable of degrading human waste to a very high degree. Such a technology does not yet exist. Hence, there is a strong R&D component in the work that we do. By means of first-principle calculations, simulations, and a lot of experimental testing we iterate from functional demonstrators to prototypes.

What in particular do you like about your job at Helbling Technik?  
What we do in our team at Helbling Technik is essentially corporate R&D for other parties. We must be able to maneuver in both, the scientific and the corporate/industrial world. That means I have to know the laws of physics that are relevant, but I also must be aware of how much time I can spend on a problem, because resources are limited.

What advice do you have for students starting their professional career?  
The search for a suitable job is a process. With each application and with each interview there is something important to learn that can influence the way the next step is taken.
Success through innovation: breaking new ground in your career

A good idea is just the starting point. To become innovations, ideas need to be professionally implemented. We like to roll our sleeves up and get to grips with our customers’ challenges, finding new ways of looking at existing solutions. Frequently, this requires courage – as well as technical expertise, grounded creativity and the right touch. Leading businesses from a wide range of different sectors have entrusted us with their innovation projects for years. So our team is constantly growing.

Want to be part of it? Send your application specifying your desired location to Helbling-HR@helbling.ch
**Diego Trutmann, 27**  
BSc in Bauingenieurswissenschaften, MSc in Raumentwicklung und Infrastruktursysteme  
Projektleiter Immobilienanbindung (Akquisition) bei **Losinger Marazzi**

**Wie haben Sie Ihre Stelle gefunden?**  

**Warum haben Sie sich für Losinger Marazzi entschieden?**  
Wie viele Studenten, hatte ich keine Ahnung, was mich bei der Firma bzw. in der Arbeitswelt erwartet. Beim Einstieg über ein Praktikum, kann «getestet» werden, wie die Firma zu einem passt. Mir hat das Praktikum bei Losinger Marazzi gut gefallen, da ich einerseits viel Verantwortung erhalten habe und andererseits auf sehr sympatische Teammitglieder traf. Dies waren dann auch die beiden Hauptfaktoren, die mich zu einer Festanstellung bei der Firma bewegten.

**Wie sieht Ihr Arbeitsalltag bei Losinger Marazzi aus?**  
Ich bin ständig auf der Suche nach neuen Oppurtunitäten (Projekten), welche Losinger Marazzi als Immobilienentwickler & Bauunternehmen realisieren kann. D.h. ich versuche frühzeitige Potentiale (Grundstücke) zu erkennen und im Austausch mit diversen Akteuren (Gemeinden, Architekten, Investoren und Nutzern) ein Projekt aufzugleisen.

**Was schätzen Sie besonders an Ihrer Tätigkeit bei Losinger Marazzi?**  

**Was empfehlen Sie Studierenden für ihren Karriereeinstieg?**  
Sei praxisoffen und nicht zu fest auf gelernte Theorien fixiert. Und versuche nicht deine ganze Karriereplanung aufgrund des ersten Jobs zu definieren. Oftmals ergeben sich durch die Arbeit neue Möglichkeiten, an die du noch gar nicht gedacht hast. Sei zudem selbstsicher, denn du musst dich im Arbeitsleben in neue Strukturen einfügen, solltest aber das kritische Denken/Hinterfragen, welches du an der ETH gelernt hast, nicht verlieren.
Formen wir die Zukunft

Gemeinsam Neues entwickeln


losinger-marazzi.ch
Nicolas Blondel, 27  
MSc ETH in Mechanical Engineering (MAVT)  
Consultant at McKinsey & Company

How did you find your job?  
During my mandatory industry internship, I met different people with a background in management consulting. I was very impressed by their skillset and experience, so I decided to learn more about this career path. Colleagues in the alumni network of ETHjuniors, various recruiting events of consulting companies and an internship at McKinsey then fully convinced me to apply for a full time position.

What influenced your decision to join McKinsey & Company?  
Consulting was the right choice for me after my technical studies at ETH. Here I can develop my personal and professional skills complementary to my study background - at a very high pace. I am able to work on projects across all industries, functions and geographies, with different people. Usually, projects change every three months. McKinsey in particular is the leading management consultancy with unique opportunities for personal growth.

What does a typical working day at McKinsey & Company look like?  
Working days are as diverse as the projects here. Constants in my daily work are tools like PowerPoint, Excel and Alteryx, problem solving sessions and client meetings. I also travel quite a bit.

What in particular do you like about your job at McKinsey & Company?  
Apart from the diverse work and my steep learning curve, I particularly value my exceptional colleagues. I love that I am constantly surrounded by inspiring people who are caring and energetic.

What advice do you have for students starting their professional career?  
I would advise all students to gather various professional experience already during their studies and to engage in ETH associations. The resulting network and gathered experiences highlight personal preferences and help tremendously to decide on what professional step to take next.
Best team. Best work. At your best.

McKinsey blends analytics, design, and engineering thinking with our powerful global network.

More information at www.mckinsey.ch
Christoph Dumelin, 40  
Dr. sc. ETH in Pharmaceutical Sciences  
Laboratory Head and Project Leader at Novartis

**How did you find your job?**  
Through my network from my graduate and postdoctoral studies I learned that Novartis was looking for someone with my scientific background. Then, I reached out to Novartis associates I had previously met at conferences and applied for the position.

**What influenced your decision to join Novartis?**  
After several years in academia and the biotech industry, I was interested in gaining experience in the pharmaceutical industry and wanted to continue to work on innovative and impactful research projects. This as well as maintaining a reasonable work-life-balance were important criteria for me.

**What does a typical working day at Novartis look like?**  
I lead a lab with two scientists. We mainly focus on the application of novel technologies for the identification of molecules with desired pharmacological effects. In different project teams around the globe, some led by myself, we work on several disease indications. Depending on the project status, we either design or interpret specific experiments or take care of the planning, set-up or future focusing of a project. This often happens in discussions in person or through videoconferences but also via exchange of emails via computer.

**What in particular do you like about your job at Novartis?**  
Working on complex research projects as well as the continuously evolving scientific and strategic questions present regular challenges and make the job interesting for me. In addition, I enjoy working in teams and find it very motivating that, if the development of a new drug is successful, I can contribute to solve a societal need.

**What advice do you have for students starting their professional career?**  
Ideally, one already spends some time during the studies on identifying occupations and companies that suit oneself well. Starting early to build a network can also be beneficial when you are looking for a job. Once having transitioned into work life there are obviously many new things to learn. For me, this was for example the case with leading project teams in which people with diverse backgrounds collaborate.
Reimagining Medicine

Our purpose is to reimagine medicine to improve and extend people’s lives. We use innovative science and technology to address some of society’s most challenging healthcare issues. We discover and develop breakthrough treatments and find new ways to deliver them to as many people as possible.
Vladislav Bunkin, 26  
MSc ETH in Mathematics  
Consultant Data & Analytics at PwC Switzerland

How did you find your job?  
This may sound familiar to many students: When you graduate from university, you feel like having so much time to find your right calling and that the right job will reveal itself automatically one day. At least I believed so. Yet, I still visited various job fairs to enrich the business card collection in my desk drawer. And these visits really did the trick for me. Some companies continuously sparked my interest, which made me initiate researching them, reading their job postings and contacting their people I had already met during the numerous job fair events.

What influenced your decision to join PwC?  
The projects and culture of the team I aimed to join sounded excellent. PwC’s network, reputation and career impact, aligned with the possibility to solve real-world problems using analytics, was also very promising. What really caught my eye was the ‘vibe’ the people were giving off when I visited the office. It is an approachable and congenial, yet lively and driven atmosphere.

What does a typical working day at PwC look like?  
It vastly differs for people and projects. But the common denominator definitely includes meeting new people, learning (about) new technologies and enriching coffee breaks. On a typical day on my current project I spend the morning with colleagues developing a software that uses machine learning and probabilistic models to detect illicit market behaviour. After lunch, we have some time reserved for update meetings with the client and/or the bigger project team. We spend the remaining afternoon on further development.

What advice do you have for students starting their professional career?  
Talk to someone who works in the team where you want to apply, if possible. Also, don’t stress yourself about making the perfect decision from the get-go. It’s never final. Before I got that advice, I was over-analysing everything. It’s all about the balance!
Are you passionate and ready to shape the future?

Then you’ve got what it takes to reimagine the possible.

Apply now at www.pwc.ch/careers
Etzard Stolte, 55
Dr. sc. ETH in Computer Science
Global Head Knowledge Management PTD at Roche

How did you find your job?
Typically, companies will post all open positions on job boards. In Roche’s case, you will find the positions on careers.roche.ch. Nevertheless, your professional network will continue to play an important role, especially as your career progresses. Higher level positions, for example, tend to be filled via head hunters, who will ask around for good candidates.

What influenced your decision to join Roche?
I have always had a passion for computer & life sciences. The idea that I can help to develop better medicines gets me out of bed in the morning. In addition, Roche has a highly innovative culture driven by a strong commitment to science. This is also reflected in the huge R&D spend.

What does a typical working day at Roche look like?
As a Global Head, my normal working day consists of around 70% videoconferences, telephone conferences, and meetings with project teams & stakeholders, and 30% “practical” work, such as process design, user interfaces, and system architectures.

What in particular do you like about your job at Roche?
The theoretical proof of principle was never sufficient for me. Roche gives me the opportunity to engineer and develop state-of-the-art solutions that help thousands of colleagues. During the last 3 years for example, we developed a semantic integration platform running on a high-performance-compute cluster, using the latest in natural language processing, Artificial Intelligence based schema merging, etc., for more than 15k users.

What advice do you have for students starting their professional career?
My recommendation is to present not only at scientific but also at industry conferences, to be seen and heard. Follow your heart and look for a position that is meaningful for you. Take a look at big international companies like Roche - the life sciences is a fast-paced and innovative environment, with the potential to make the world a better place.
Be brave. Push boundaries.

Change the future of healthcare together with us.

At Roche, we are working towards one goal: solving some of the greatest challenges for humanity using science and technology. Every day, our work impacts the lives of millions of patients all around the world. Sounds thrilling and you are interested in seeing more?

https://go.roche.com/personalized_healthcare

By challenging conventional thinking and our wild curiosity, we have become one of the world’s leading research-focused healthcare companies. This would not be possible without brilliant students/PhDs/postdocs or recent graduates with a passion for:

• Natural Sciences/Life Sciences  •  Engineering
• Digital Sciences     •  Business
• Computer Sciences/IT

Be brave, take matters into your own hands. Apply at Roche for internships, trainee/fellowship programmes or entry-level positions. These development opportunities give you the chance to grow and make a difference to patients.

You own your career. The next step is yours! genext.roche.com
Lukas Urwyler, 27
Systems Engineer, BSc. in Mechanical Engineering from ETH Zurich and MSc. in Advanced Mechanical Engineering from Imperial College London

How did you find your job?
Between my bachelor’s and master’s studies, I did an internship with the Product Unit Mechanisms department at RUAG Space. I really enjoyed my experience there, which is why I started looking for jobs at RUAG Space again towards the end of my master’s degree.

Why did you choose RUAG?
I am fascinated by the space travel sector – it’s just so unique. RUAG Space has a large site in Zurich and is well positioned in the international space market. At the time, the company offered an attractive trainee programme – including a stay abroad – which appealed to me greatly.

What does your typical day at RUAG look like?
I am mainly responsible for the technical coordination of projects. My goal is to provide our customers with a product that meets all the requirements detailed in the specifications. This means that I define, distribute and evaluate technical work packages to enhance product development. I integrate all necessary resources such as design, analysis, material experts or production employees and testers into the various tasks and ensure that they work together as a team.

What do you like in particular about working at RUAG?
Almost everyone here is a bit of a “space nerd”! This means that they are intrinsically motivated by what they do and this is reflected in a very pleasant and generally straightforward working environment.

What do you recommend to students who are about to start their careers?
From the outside, it is difficult to judge what the daily routine in a company actually looks like. It is often easier to get an internship than a permanent position, and this is an ideal opportunity to test the waters. It also helps you to gain important contacts to increase your chances of success for later applications.
You studied hard.  
We make it worth it.  
Let’s exceed the expected.

Meet our employees.

If you want to know what it is like to work with us, simply ask those who already are. You can hear a few of these opinions here and gain a first glimpse into the various areas and the working culture at RUAG International:

www.ruag.com/en/meet-us
Sarah Preiswerk, 32
MSc ETH in Management, Technology and Economy
Portfolio Manager Smart Space at Siemens

How did you find your job?
I submitted an application via the Siemens job portal (www.siemens.ch/jobs). Thanks to the job alert I set up I was regularly made aware of vacancies in my field. I had already met some Siemens staff in my field at a careers fair beforehand.

What influenced your decision to join Siemens?
It was clear to me that I wanted to join a global player, so Siemens – as an internationally positioned technology group – was an extremely attractive prospect. Furthermore, the opportunity to start directly as a Junior Product Manager was ideal. In addition to its professional relevance, I was also won over by the corporate culture: I was able to take on responsibility from the very beginning, and I still feel supported in my further training and development.

What does a typical working day at Siemens look like?
Very diverse: my responsibilities include the rollout of our cloud-based offers in the European market, the development of digital business models and the evaluation of trends and technologies in the field of smart spaces. This often requires me to communicate with internal colleagues from different teams and attend various trade fairs. I also provide support to innovation projects, where we create solutions with our customers based on a co-creation / design thinking approach.

What in particular do you like about your job at Siemens?
My intermediary role allows me to work with people from different professions and cultural backgrounds, which is very informative and inspiring. I also appreciate the flexible work arrangements, the options for further training courses and support programme offerings as well as the networking opportunities, in the Women’s Network for example.

What advice do you have for students starting their professional career?
Think about where you would like to work, and then talk to people already working there – whether at a trade fair or in your personal life. Above all, ask yourself the question: where can I learn as much as possible?
We are Future Makers in Switzerland and around the world

We make real what matters

Moving people from A to B safely, working hand in hand with artificial intelligence, making buildings and cities smarter, and supplying people with environmentally friendly energy – shape the future with us!

siemens.ch/jobs
Cornelia Böfer, 29  
MSc ETH Chemistry  
Project Manager at Sika

How did you find your job?  
I first applied for an internship at Sika that was posted online. Shortly after I was contacted by Sika’s HR Department and they invited me to an interview for a position that had just opened up at a different Sika location.

What influenced your decision to join Sika?  
It was my goal to start my career in a globally operating and innovation-oriented company. In addition to the usual advantages of a large corporation, what impressed me most about Sika was the deeply rooted family corporate culture, which is strongly felt amongst employees. The very varied and challenging field of activity as well as the empowerment-oriented leadership completed my positive image of Sika.

What does a typical working day at Sika look like?  
I am Project Manager and I develop adhesives which are used in the automotive industry. My working day is very varied. The focus is on project planning, developing product formulations, carrying out laboratory work myself and planning for other employees and evaluating the results. Other tasks include writing reports, internal meetings, customer advice and visits, researching raw materials and supervising production trials at the plant. Sika also allows me to attend professional conferences for further development.

What in particular do you like about your job at Sika?  
As I described my job is very diverse, the projects are exciting and customer-oriented and the whole environment we work in is very innovative. The internal, global cooperation is effective and fun because all my colleagues are helpful and down-to-earth. In our department there is a really special and familiar way of working together.

What advice do you have for students starting their professional career?  
I recommend everyone to get an early insight into different industrial sectors and companies in order to be able to assess which career path you want to take. Often you do not need a PhD for the area you would want to work in. During the application process, I recommend to try to get to know your future colleagues, as you will spend a lot of time together.
“The varied, innovative and challenging position, as well as the empowerment oriented leadership convinced me that I have chosen the right employer.”

Find out more about your career at Sika on www.sika.com/career
Nicole Felder, 26
MSc ETH in Bauingenieurwissenschaften
Trainee beim Tiefbauamt der Stadt Zürich

Wie haben Sie Ihre Stelle gefunden?

Warum haben Sie sich für Tiefbauamt der Stadt Zürich entschieden?

Wie sieht Ihr Arbeitsalltag bei Tiefbauamt der Stadt Zürich aus?

Was schätzen Sie besonders an Ihrer Tätigkeit bei Tiefbauamt der Stadt Zürich?
Ich habe die Möglichkeit die Stadt Zürich aktiv mitzugestalten. In Zusammenarbeit mit interdisziplinären Teams entwickeln wir den öffentlichen Raum der Stadt weiter.

Was empfehlen Sie Studierenden für ihren Karriereeinstieg?
Ideenweise absolviert man während des Studiums bereits Praktika um sich selbst klarer darüber zu werden, in welchem Bereich man später tätig sein möchte. Da der Ingenieurberuf vielfältig ist, soll man sich trauen sich auf unterschiedliche Profile zu bewerben. Bei der Entscheidung darf man dann auf das eigene Bauchgefühl vertrauen.
Sie schliessen gerade Ihr Studium ab?

Dann dürfte Sie das Trainee-Programm des Tiefbauamts der Stadt Zürich interessieren. Bei uns haben Sie als AbsolventIn der Studienrichtungen Bauingenieur-, Umweltingenieurwissenschaften (Siedlungswasserwirtschaft) oder Infrastruktursysteme die Möglichkeit, eine der weltweit attraktivsten Städte mitzugestalten und mitzubauen. Gleichzeitig bieten wir Ihnen einen einmaligen Einstieg in die Praxis und einen attraktiven Start Ihrer beruflichen Karriere.

www.stadt-zuerich.ch/tiefbauamt-trainees
How did you find your job?
Zühlke made a positive impression on me early on at various career fairs. I was able to find out more about Zühlke in an hour-long interview at the ETH Campus Interview. Then I applied via the online portal shortly before commencing my Master’s thesis. After two pleasant – and in my opinion very professional – interviews, Zühlke offered me a job.

What made you choose Zühlke?
I had a good gut feeling about Zühlke from the get-go. I got along extremely well with all the employees I came into contact with and it became clear to me at an early stage that a modern corporate culture is the norm there. In addition, you can invest a lot of time in further training at Zühlke. And the company also offers a variety of attractive projects that constantly challenge you.

What is a typical work day like at Zühlke?
Every day is different, depending on the project you’re working on. I’m currently working for a client in the centre of Zurich, where we’re building an econometric platform using Java. I’ve also spent time working on projects with other clients in Schlieren and Bern, and the technology stack is always different. But I don’t just sit at a computer and program. I also often spend time planning, drafting and discussing things with the team – at our Scrum events, for example.

What do you like most about your role at Zühlke?
I really like the variety that my role at Zühlke offers. You’re constantly tasked with implementing new solutions in a range of projects and you can always count on highly motivated team members. The 20 training days and occasional social events also offer plenty of variety.

What advice would you give to students starting their careers?
Check out as many companies as you like and treat each job interview as practice. You’ll only find the right role and company for you by familiarising yourself with different companies. And don’t be intimidated by the broad list of profile requirements stipulated in some job advertisements – even after completing a Bachelor’s or a Master’s degree, you can’t know everything.
Are you passionate about tearing down barriers and breaking new ground? What about transforming intelligent ideas into valuable solutions through creativity and skill? Then you’re in the right place. As an international service provider specialising in technology-driven innovation, we’ll offer you the right challenges – and plenty of professional freedom to face them. Feel free to Innovate. zuehlke-careers.com
Entry-level positions

Before you start focusing and looking for specific job offers, there are a few general things you should know about entry-level positions. It is not always clear at first glance if a job posting addresses fresh university graduates or targets people with work experience. Many companies and institutions have internships, trainee programs and entry-level positions specifically for students and recent graduates.

A tell-tale sign of a career-entry position is a job ad that mentions “junior”, “entry level” or “young professional”, for example:

- Junior Product Manager
- Entry-Level Mechanical Services
- Young Professional, Electrical Engineering

Other ads may not mention any of these terms indicating that it is an entry-level position; some may even require a few years’ experience. However, you may still stand a chance of getting that job. If the ad does not clearly state that this is a senior or management position and work experience is merely “desired” or “beneficial”, it is possible that the company will consider fresh university graduates [see also the “Job advertisements” section in chapter entitled Focusing → Job advertisements].

Direct-entry and trainee programmes

Companies also distinguish between direct entry, where you jump straight into the job, and trainee programmes that ease you into working life. A direct-entry position fills a specific vacancy in a specific department; a trainee program has you working in various departments throughout the company. In the latter case, you might be able to pick a job in the department that suits you best when the programme ends, provided there is a vacancy to be filled. Although the assignments in the various departments are temporary, a trainee programme is not the same as an internship. It is a real entry-level job with certain responsibilities that gets your career off the ground.
Large enterprises especially offer special trainee programmes alongside direct-entry opportunities. These 12-to-24 month engagements give you plenty of time to get to know the company well. Trainees take part in the day-to-day business of each department and shoulder the responsibility for tasks in projects. This is to prepare you for future project management, leadership or other responsibilities.

Your trainee status usually transitions to a permanent position at the end of the program, but this is not always guaranteed. Trainee programmes are generally available for bachelor’s and master’s degree holders. Ask the company you want to apply to for details on their trainee programme and about any age limits.
Networking
What is networking?

*Networking is using your creative talents to help others achieve their goals as you cultivate a network of people strategically positioned to support you in your goals... Expect nothing in return!*

— Larry James

Many students are uncomfortable with the idea of “networking”. But as the above quote says, networking is not just something to do when you need help from someone else. It gets easier when you take an interest in others, their profiles and their background, and consider how you can help them with your skills, contacts or expertise. With that attitude, networking is more about giving than taking, which makes things easier – and the rest usually takes care of itself.

Conferences and company events
Academic and industry conferences and company fairs offer great opportunities to explore and learn more about industries, companies, and fields of activity, and to connect with people in the working world. The same goes for the “Career Breakfast”, “Career Sandwich”, and “Career & Beer” events and panel discussions hosted by the ETH Career Center. Striking up a conversation with interesting business people is easy over a drink or a snack.

Job fairs such as ETH’s Polymesse, trade fairs and conferences are also great places to reach out to prospective employers. This is where companies showcase what they do at stands and in presentations. Their stands are usually staffed with a lot of representatives from various departments of the company.

If you want to make a professional impression, you need to prepare well for your visit to a job fair or conference:
1. First consider which companies you want to approach at the fair.
2. Learn more about these companies before the fair. Company representatives are less than impressed by questions like, “What exactly does your company do?”
3. Make sure your application documents are ready to go so you can submit your CV if you have a promising chat.
4. Prepare a so-called “elevator pitch”. It is called that because it has to be quick and to the point, like a pitch you would give to a CEO, investor or other hard-to-reach decision-maker that you happen to meet in an elevator. You have 30 seconds to sell your business idea well enough for your captive audience to want to know more about it. This method is very well suited for introducing yourself to company representatives with a few well-chosen lines.
5. You should also prepare some good questions. For example:
   • What skills and experience are you looking for, especially from university graduates?
   • What are the biggest challenges for the xy position...?
   • How exactly do you go about recruiting? Do you recruit all year round or only at certain times?
   • How would you describe your corporate culture? What do you personally like most about the company?
6. You should come to some sort of arrangement by the end of the conversation. For example, you could ask whether you can contact the person you are talking to directly or refer to your conversation if you decide to apply to the company.

The most important company fairs and career events are posted on the ETH Career Center website and in the calendar of events.
Where are you headed?

Spring semester

ETH Zürich

During three days more than 130 potential employers present themselves to interested students at the recruiting-fair Polymesse. Also, you have the opportunity to get your CV checked and to take application pictures.

The Polymesse will take place in the main building of ETH Zurich and on the Polyterrasse.

At Polyvortrag about 30 employers have the chance to provide a better understanding of their activities. The presentations can give students a deeper insight into the work and typical projects of the companies, and show possible career opportunities (not only for employment but also internships or theses!).
Senior students and alumni

It is a good idea to stay in touch with senior students and alumni. You may perhaps also wish to keep in contact with tutors and study group leaders after the semester ends. Another option is to get involved in student organisations, where you will meet students of all semesters, some of whom are sure to be applying for jobs or will soon be starting to work. They could all become a valuable source of information for you.

Student associations

Another option is to join ETH student networks. They usually maintain a lot of ties to companies and again can be useful sources of job market intelligence. Additionally, getting actively involved in a student organisation can help you acquire and develop key transferable skills that employers are looking for.

A selection of associations that may be of interest to you follow:

- **VSETH**: Student Association of the ETH Zurich
- **Student Associations of each ETH department**
- **AVETH**: Association of doctoral students at ETH Zurich
- **ETH Juniors**: Consulting company run by students of ETH Zurich that organises the company fair “Campus Interview” yearly
- **Forum & Contact**: Student organisation that organises the yearly Polymesse fair
- **IAESTE**: The International Association for the Exchange of Students for Technical Experience organises internships abroad for students in technical fields
- **Femtec**: Career-building program for women in engineering and natural sciences
- **Entrepreneur Club**: An ETH association that brings together students who are interested in entrepreneurship and helps them pursue their business ideas
Femtec partners with leading tech companies, research institutes and technical universities. Jointly, we offer unique support to advance sustainable careers.
Societies, associations and organisations
Interest groups are also useful sources for obtaining information about job opportunities, contact addresses, industry insights and the like. A few examples follow:

- **www.ingch.ch**: Information about careers, training, further education and job platforms for engineers
- **www.industrie-schweiz.ch**: A directory of Swiss industrial associations
- **www.sia.ch**: Swiss Society of Engineers and Architects
- **www.swissengineering.ch**: Swiss Engineering
- **www.scienceindustries.ch**: Swiss business association for the chemical, pharmaceutical and biotech industries
- **www.svial.ch**: Professional association for university graduates in the agricultural and food sectors

In your free time
Recreational activities also offer good networking opportunities. Merely being in a club or on a sports team does not mean you are networking, but it does provide a platform for establishing and maintaining contacts.

Professional websites such as www.linkedin.com and www.xing.com – where you can post your profile and search for others’ profiles – can also be helpful. They afford you the opportunity to gather information on industries, companies and fields of activity, make new contacts, and even find jobs. These platforms were developed specifically for professionals to share information about jobs, business and common interests, so registered members are generally open to inquiries from other members. Write personal messages to connect with people. Avoid the standard phrase, “I’d like to add you to my professional network on LinkedIn”. Get proactive on these platforms and keep your profile up to date. Uploading a profile just for the sake of it is not going to be enough.

On the next pages you will find an example of a LinkedIn profile with some key tips.
Sample LinkedIn profile

**Photo**
Adding a photo on your LinkedIn profile can result in an increased number of profile views. We suggest using a photo taken by a professional. Ideally, your face takes up at least 60% of the frame.

**Headline**
Answer the questions: e.g. what type of job/function are you looking for, what do you want to be known for, what are you passionate about? Include keywords you want to be found for.

**Industry**
Choose the relevant industry you are interested in and you want to be found for.

**URL**
Customize your LinkedIn URL under “Contact and Personal Info” to make it easier for people to find you.

**Summary**
Write a description of yourself. Talk about your experience, interests and skills using relevant key words. Repeat the key words in the different sections.

**Experience**
List your practical experience (including part-time jobs) and use relevant keywords to describe your tasks and skills.
ETH MSc in Biochemistry graduate looking for new challenges in pharmaceutical industries, preferably in clinical research.

I'm a graduate student from ETH Zürich (MSc in Biochemistry) currently looking for an entry level position as Clinical Researcher for an international pharmaceutical company.

During my Master Thesis: "Glycoproteomics of human skin and the interaction of solar radiation" I had the pleasure to learn how to work in a Lab in collaboration with fellow Master and PhD Students. I was mostly focusing on the impact ...

After my exchange semester at Caltech where I attended several classes ...

Thanks to my experience at Medphabi, I improved my knowledge ...

Supervisors and colleagues from the University and the industry know me as a highly reliable creative thinker who can ...

I would love to bring my skills and motivation to a company that would offer me the possibility to develop myself in an international environment.

Experience

Education

Industrial Internship
Medphabi
Feb 2014 – Jul 2014 • 6 mos • Männedorf
– Assist in the conduct of clinical research studies including, but not limited to industry sponsor funded and grant funded research and/or clinical trials
– Perform a variety of duties involved in collection, compilation, documentation and analysis of clinical and imaging research data
– ...

Eidgenössische Technische Hochschule Zürich
Master of Science (MSc) Biochemistry
2014 – 2016
Master Thesis: "Glycoproteomics of human skin and the interaction of solar radiation"
Focus on:
– N linked glycosylation of secretory proteins
– Enzymatic reactions in the glycoprotein synthetic pathway
– ...

Selected Master Courses:
– Glycobiology
– Enzymatic Chemistry
– ...

Eidgenössische Technische Hochschule Zürich
Bachelor of Science (BSc), Biochemistry
2010 – 2013
Activities and Societies: ...

Volunteering Experience & Causes

Marketing and Funding Assistant
Spear for Cancer
Oct 2013   1 mo
Health
→ advertisement design: poster, flyer, newsletter
→ ...

Featured Skills & Endorsements

Biomedical Engineer - 1
Endorsed by Jennifer Aytanc and 1 other who is highly skilled at this

Heat Transfer - 45
Endorsed by 45 connections

Biocompatibility - 5
Endorsed by 5 connections

NB:
This example of a LinkedIn profile is by no means complete; LinkedIn offers many other categories that you can add to your profile.
ETH MSc in Biochemistry graduate looking for new challenges in pharmaceutical industries, preferably in clinical research.

I'm a graduate student from ETH Zürich (MSc in Biochemistry) currently looking for an entry level position as Clinical Researcher for an international pharmaceutical company.

During my Master Thesis: "Glycoproteomics of human skin and the interaction of solar radiation" I had the pleasure to learn how to work in a Lab in collaboration with fellow Master and PhD Students. I was mostly focusing on the impact ...

After my exchange semester at Caltech where I attended several classes ...

Thanks to my experience at Medphabi, I improved my knowledge ...

Supervisors and colleagues from the University and the industry know me as a highly reliable creative thinker who can ...

I would love to bring my skills and motivation to a company that would offer me the possibility to develop myself in an international environment.

**Experience**

**Industrial Internship**

Medphabi

Feb 2014 – Jul 2014 • 6 mos • Männedorf

– Assist in the conduct of clinical research studies including, but not limited to industry sponsor funded and grant funded research and/or clinical trials

– Perform a variety of duties involved in collection, compilation, documentation and analysis of clinical and imaging research data

... 

**Education**

Eidgenössische Technische Hochschule Zürich

Master of Science (MSc) Biochemistry

2014 – 2016

Master Thesis: "Glycoproteomics of human skin and the interaction of solar radiation"

Focus on:

– N-linked glycosylation of secretory proteins

– Enzymatic reactions in the glycoprotein synthetic pathway

... 

Selected Master Courses:

– Glycobiology

– Enzymatic Chemistry

... 

Eidgenössische Technische Hochschule Zürich

Bachelor of Science (BSc), Biochemistry

2010 – 2013

Activities and Societies: ...

**Languages**

List your languages and your level of proficiency.

**Projects**

Add and update projects that you’ve worked on to demonstrate your skills and experience. Whether you led a team assignment in school or worked in a focus project during your studies, list tasks and skills.

**Following**

Add groups, companies, etc. that you are interested in to keep up to date to industry trends and companies.

**Courses**

List curricular and extracurricular courses that support the aim of your profile.

**Recommendations**

Recommendations add credibility to your profile. Aim to secure recommendations throughout your career.

**NB:**

We recommend that you go to Settings & Privacy / Profile privacy and set Share profile edits to No. That way, your contacts will not get a notification every time you update your profile.
ETH networks on LinkedIn

You will also find specific ETH groups that you can join on LinkedIn. One is the Career Center; others include the general Alumni Group and the various departments’ Alumni Groups.

On the ETH Zurich Career Insights LinkedIn site (see image to the right), you can also find interesting statistics on the careers of ETH alumni (LinkedIn/School/ETH-Zurich/Alumni).
Summary
The building blocks for focusing

The work you have done in this chapter *Exploration* has given you a good look at potential industries, companies and fields of activity.

To wrap up this section, enter the sectors, companies and fields of activity that interest you most in the table below. Then add the key requirements you identified above (chapter *Exploration → Companies and potential employers*).

This summary can help you narrow down your search for a suitable job, by focusing your search on those specific industries/companies and activities that you identified as important to you and by sifting through the job ads based on your requirements. It will make it easier to distinguish between suitable and unsuitable job offers and save you a lot of time and energy during the application process.

<table>
<thead>
<tr>
<th>Sector</th>
<th>Companies</th>
<th>Fields of activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*My most important requirements for a future employer*

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Sector</th>
<th>Companies</th>
<th>Fields of activity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
→ **Tips: Exploration**

→ Reach out to everyone who can help and tap their knowledge. Talk to your professors and ETH alumni at fairs and career events to learn more about various sectors, companies and career paths.

→ Take the time to dig deep and often, researching websites, online networks such as LinkedIn and Xing, and trade journals in your preferred fields.

→ Compare the information you gathered in this chapter *Exploration* with the insights you gained in the *Analysis* chapter to make sure that your chosen sectors, companies and job profiles really do match your personality, skills and values.

→ Stay flexible in your choice of industries and employers to keep your options open, regardless of what state the economy happens to be in.

→ **ETH Career Center offering: Exploration**

→ Individual sessions to determine sectors and fields of activity

→ Annual Career Weeks in March and October: Various career events with companies to provide insights into various job profiles and establish contacts with company representatives (e.g. Career Breakfast, Career Sandwich, Career & Beer, Active Career)

→ Long Night of the Careers at the ETH Zurich (biennially in November)

→ Panel discussions

**Information**
www.careercenter.ethz.ch – for students and doctoral students
ETH Alumni Association

Join us!

As Alumna or Alumnus of the ETH Zurich, you are part of our network of over 32,000 members worldwide, benefit from an Alumni e-mail address, events, benefits, job offerings, and you stay connected to the ETH.

Join us and sign up at: alumni.ethz.ch →

IAESTE internships…
… apply for students in technical study fields and natural science
… are paid:
the salary covers the local costs of living and lodging
… offer numerous benefits:
support during the application period,
social network in the country of internship and many more
… have a duration from
6 weeks to 12 month

All currently available internships you can find here:
www.iaeste.ch/en/internship-offers

The country’s rich culture and openhearted people stood often very much in contrast to the environment I was used to from Zürich, giving me new perspectives on various aspects of life. Professionally I learned to appreciate how smooth approvals or meetings run in Switzerland, while I also discovered how lengthy discussions and room for unforeseen circumstances can help steer a project into a completely new direction. Being involved in several projects during my time abroad led me to meet many different people and learn how to work with equipment I was not entirely familiar with.

An overall relaxed work atmosphere gave me the chance to discover parts of this huge but breathtaking country together with other interns from all over the world. This internship gave me the opportunity to experience a very different culture, go on great adventures and make many new friendships with people not only from India but from all around the globe.»

Nicole Schulz, Medical Technology Student at the ETH Zürich. Nicole did her 2-month internship at the Manipal Institute of Technology in Manipal, India in autumn 2019.

«Working at a research facility in India for several months presented itself as a unique experience that I will remember for a lifetime.
IAESTE internships...

... apply for students in technical study fields and natural science
... are paid: the salary covers the local costs of living and lodging
... offer numerous benefits: support during the application period, social network in the country of internship and many more
... have a duration from 6 weeks to 12 month

«Working at a research facility in India for several months presented itself as a unique experience that I will remember for a lifetime.

The country’s rich culture and openhearted people stood often very much in contrast to the environment I was used to from Zürich, giving me new perspectives on various aspects of life. Professionally I learned to appreciate how smooth approvals or meetings run in Switzerland, while I also discovered how lengthy discussions and room for unforeseen circumstances can help steer a project into a completely new direction. Being involved in several projects during my time abroad led me to meet many different people and learn how to work with equipment I was not entirely familiar with.

An overall relaxed work atmosphere gave me the chance to discover parts of this huge but breathtaking country together with other interns from all over the world. This internship gave me the opportunity to experience a very different culture, go on great adventures and make many new friendships with people not only from India but from all around the globe.»

Nicole Schulz, Medical Technology Student at the ETH Zürich. Nicole did her 2-month internship at the Manipal Institute of Technology in Manipal, India in autumn 2019.

All currently available internships you can find here:
www.iaeste.ch/en/internship-offers
## 3 — FOCUSING

<table>
<thead>
<tr>
<th>Job search</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategies and techniques</td>
<td>108</td>
</tr>
<tr>
<td>Proactive job search</td>
<td>114</td>
</tr>
<tr>
<td>Job advertisements</td>
<td></td>
</tr>
<tr>
<td>Analysis</td>
<td>116</td>
</tr>
<tr>
<td>Required key competencies</td>
<td>118</td>
</tr>
<tr>
<td>Summary</td>
<td></td>
</tr>
<tr>
<td></td>
<td>120</td>
</tr>
</tbody>
</table>
Job search
Strategies and techniques

The ways to finding a job are many. But the most successful strategy is to pursue every avenue. The following section presents the different approaches to looking for a job. The addresses and hyperlinks are intended only as a first step in your research and are by no means exhaustive.

Company websites
Most companies post job vacancies on their corporate website. HR does not want to be swamped with applications, so these vacancies are often not published on other job platforms. Review the websites of companies you would like to work for and look for jobs that fit your profile. If you do not find any suitable listings, you can try submitting a spontaneous application on the off-chance that something is available (see the section Focusing → Proactive job search).
Job platforms
Companies post job offers on all kinds of internet platforms. Always check to make sure these job offers are current. Use any of the many support tools available to set up a search assistant or post your CV online.

General job portals
- www.eth-gethired.ch
- www.jobwinner.ch
- www.alumni.ethz.ch
- www.markenjobs.ch
- www.careerjet.ch
- www.monster.ch
- www.indeed.ch
- www.science-jobs.ch
- www.jobs.ch
- www.students.ch
- www.jobscout24.ch
- www.topjobs.ch
- www.jobsuchmaschine.ch

Some student associations also maintain small job platforms on their website.

Specialised job portals by sector/field of interest:
- Geology: www.geologieportal.ch
- Geomatics/planning: www.geomatik.ch
- Engineering: www.ingjobs.ch
- Math: www.math-jobs.com
- Public sector: www.publicjobs.ch
- Physics: www.tesla-jobs.com
Events
As you may recall from the Exploration chapter, career events such as ETH’s Career & Beer get-togethers and trade fairs offer very good opportunities to learn more about potential fields of activity, vacancies, entry programs and application processes. Often a good opening chat and a positive impression leads to a job interview. So be sure to prepare thoroughly before you talk to company representatives (see the chapter Exploration → Networking for more on this).
Recruitment agencies
Recruitment agencies specialise in searching for candidates to fit a given job profile. Some have contracts with companies, but these agencies are more likely to look for people for management positions or with highly specialised experience. These profiles are hard to find on the job market, so companies are prepared to pay the agency a finder’s fee.

These agencies rarely recruit fresh graduates and post-graduates. Relying exclusively on this type of recruiter is not a good idea when you are looking for a job. However, a recruiter with good connections to employers in your field generally knows the market and industry well and may be able to help you with a tip or two.

NB:
Recruiters occasionally publish ads for unavailable or even fictional jobs. They archive incoming applications in a database to generate numbers that will attract and acquire new corporate customers. This could explain why a recruiter who is interviewing you will not disclose the name of the company behind the job ad.
Personal contacts and networking
At career events and at play, nurturing your network is likely to pay off in terms of real job offers. It is not uncommon for employers to first seek potential candidates for a position through the networks that connect employees and colleagues before they officially advertise the vacancy.

A good network affords you the opportunity to learn of a pending or current vacancy at a very early turn because your contacts will tell you about it or even recommend the job to you (see the chapter Exploration → Networking for more on this).

Social networking platforms
Many vacancies are published on online platforms such as LinkedIn or Xing. In the chapter Exploration → Networking, we showed you how to use these platforms and what to bear in mind when creating your profile. The platform tries to match jobs to your needs, so the better and more detailed your profile, the more suitable the job ads that it proposes to you.
Proactive job search

Another option is to proactively search for a job with an unsolicited application – that is, to submit your unsolicited documents to a company rather than responding to a specific job ad. According to some estimates, up to 70% of vacancies are never advertised; as outlined earlier, they are filled by way of contacts and employee networks.

This is why it is so important that you do more than just apply to advertised positions where the competition may be great – also tap your network and send out spontaneous applications.

In this latter case, you will not have a specific job ad to refer to, or information about the company and the position, so be sure to use your various information channels (alumni, networks, private contacts, career events, etc.) to learn more about the company’s divisions and operations before you apply.
First visit the company’s website to see if you can find information about unsolicited applications. It’s good to know in advance if the company will accept this type of application; then you need to find a specific address or contact person to send it to. If you cannot find the information you need, call the company and ask.

**NB:**
Submit an unsolicited application only if this company has no suitable vacancies advertised at this time. A spontaneous application does not make a good impression if the company is advertising positions that fit your profile.
Job advertisements
Analysis

Your application stands a better chance of succeeding if you properly analyse the job ad. The trick is to distinguish between must-have (mandatory) and can-have (optional) criteria. The better your hard and soft skills fit the description, the greater the chance of you being invited to an interview.

Tips: Job advertisements

- Read the ad carefully. It will normally describe the company, job specifications, tasks, and perhaps further career opportunities.
- Apply if you meet most requirements, even if you do not meet them all.
- Find out what type of employees the company is looking for. You can usually learn more about this in the careers section of the company’s website.
- If the job ad leaves any questions unanswered, ask the person who is listed as the contact or take these questions with you to the interview. However, only get in touch with the company if you have truly relevant questions about the job. Questions like “Is this position still open?” do not make a good first impression.

Company description
This part of the job ad profiles the company in a few words. This should give you a rough idea about its size, international scope, and mission. To prepare for your application, be sure to research the company properly rather than relying on these few lines in the job ad.

Position description/key areas of responsibility
This part of the job ad outlines the job’s primary tasks. If it is not clear what day-to-day tasks will occupy most of your time, ask about this during the interview.
We are an international company headquartered in Biel focusing on driving next-generation products applying latest technologies. With our 19,000 employees worldwide, we believe in shaping smart change with solutions that empower meaningful data and ideas to do their greatest good.

Experimental Physicist or Mechanical Engineer

Your main tasks

- Perform applied research in the area of electrical power devices, including batteries, and thermal sciences
- Plan, construct and execute laboratory experiments
- Apply simulation tools in order to support your experiments
- Provide scientific and technical assistance for the development of new products
- Collaborate with scientists and engineers from our different business units and from universities

Your profile

- PhD in Physics or Mechanical Engineering
- Sound experience in laboratory work as well as know-how in experimental techniques
- Ideally, you have a background in the areas of heat transfer, thermodynamics, energy conversion or batteries
- Knowledge in Li-ion technology and/or power electronics is a plus
- Creative and communicative team player
- Fluent command of English

What we offer

We offer cutting-edge technology projects with challenging research and development tasks, a location with a high recreational value (fantastic for mountain and water sports), competitive compensation packages, and 25 to 30 days of vacation per year. Childcare centers, baby bonus and one-week paternity leave are also part of our attractive compensation packages. You can benefit from our generous pension and insurance schemes as well as our early retirement model. In addition, we offer flexible working time and support relocation and integration of our international employees. Our HQ is close to public transport.

Professional qualifications/required experience/desired skills

Must-have requirements

Mandatory or must-have requirements are skills that the employer definitely wants. If you meet these requirements, make sure they are listed in your CV (see also the chapter entitled "Application"). A candidate who meets all requirements is not always to be found. This is why we recommend that you apply if you meet most requirements, even if you do not meet them all.

Can-have requirements

Companies are generally looking for candidates who meet all their specifications. These are few and far between, which is why some of the less important criteria are designated as being desirable or optional in job ads. You do not need to have all these qualifications, but it is beneficial if you do.

Offer

In this section of the job ad, the company describes what it has to offer to you and what the main advantages of the position are. You can also use this information to prepare your questions for the interview. Let’s assume the ad says something like, “We offer a friendly working environment.” Then you could ask, “What do you think makes the workplace so friendly?”
Required key competencies

Key competencies and soft skills are tremendously important to your future employer because the company is not just recruiting your mind or professional expertise; it is also bringing your personality on board.

Job ads often explicitly require key competencies such as the communication skills needed to work with clients, or with in-house teams, or the flexibility to roll with changes when the company is in transition.

In the following, we want to show you how to interpret descriptions of these skills. Be sure to mention and provide real-world examples of all the required soft skills in your cover letter (see the section Application → Application documents).
<table>
<thead>
<tr>
<th>Required key competencies</th>
<th>Likely interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Able to work under pressure</td>
<td>The job pressure may be greater than the industry norm.</td>
</tr>
<tr>
<td>Committed employee</td>
<td>Working hours may be irregular and overtime could be the rule.</td>
</tr>
<tr>
<td>Reliable employee</td>
<td>The company does not want a job hopper. Be prepared to stick with this job for several years.</td>
</tr>
<tr>
<td>Autonomy / self-reliance</td>
<td>Experience in the described field of activity is absolutely essential. Do not expect any technical or specialist support.</td>
</tr>
<tr>
<td>Flexibility</td>
<td>The task or role may be very vaguely defined.</td>
</tr>
<tr>
<td>Independence</td>
<td>Expect to work in various places. You probably have to travel or change locations. Children and family obligations may be a deterrent.</td>
</tr>
<tr>
<td>Entrepreneurial mindset</td>
<td>This is a high-pressure job for business-minded people. Business management skills are beneficial. You will have to take several stakeholder groups’ interests into account.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required key competencies</th>
<th>Likely interpretation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initiative / proactive</td>
<td>You will be expected to outperform the stipulated requirements. You have to be self-motivated and set your own targets; do not expect praise or guidance from management.</td>
</tr>
<tr>
<td>Loyalty</td>
<td>This may suggest challenging working conditions and a fickle boss.</td>
</tr>
<tr>
<td>A young, dynamic team</td>
<td>No need to try if you are older (perhaps even as young as 30). And no need to apply if your salary expectations are high.</td>
</tr>
<tr>
<td>To join at the earliest opportunity</td>
<td>The predecessor may have been fired or quit. This begs the question of why he or she left.</td>
</tr>
</tbody>
</table>
Analysis, exploration, focusing – these are the steps you need to take when setting out in search of a job. Thoroughly research the job, analyse must-have and can-have criteria, and devise a clear application strategy – that is what it takes to get off to a good start.

To conclude this chapter, define some actions that you can undertake and that will help you give focus to your applications.

### Summary

**The building blocks for your application**

<table>
<thead>
<tr>
<th>My favourite companies</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>e.g. Helbling Technik</em></td>
<td><em>Participate in the Helbling “Active Career Event” organised by the Career Center</em></td>
</tr>
<tr>
<td></td>
<td><em>Talk to Johann (alumnus currently working at Helbling)</em></td>
</tr>
<tr>
<td></td>
<td><em>Consult and analyse current job openings at Helbling</em></td>
</tr>
<tr>
<td></td>
<td><em>Participate in one of Helbling Technik’s evening seminars</em></td>
</tr>
</tbody>
</table>
Tips: Focusing

- Create a folder for all documents you collected during your research (annual reports, job ads, press releases).
- Pursue every avenue using all the different job search strategies, all at the same time if you can. Take the conventional approaches but also send speculative applications.
- Analyse the job ad and write down the must-have and can-have criteria for each application.
- Archive all the details about job ads, contact persons, dates and meetings in an Excel spreadsheet, track the developments and keep this record up to date.
- Save a copy of the ad for every job you applied for. The ad is generally taken out of circulation once you are invited to an interview, but you will need it to prepare.

ETH Career Center offering: Focusing

- Individual counselling
- Annual Career Weeks in March and October: Various career events with companies to provide insight into various job profiles and establish contacts with company representatives (e.g. Career Breakfast, Career Sandwich, Career & Beer, Active Career)
- Long Night of the Careers at the ETH Zurich (biennially in November)

Information
www.careercenter.ethz.ch – for students and doctoral students
4 — APPLICATION

Application documents
Your business card 124
Scope 125
Curriculum vitae
Sample CV – MSc und BSc 130
Sample CV – doctoral student 134
Main differences 136
Photograph 138
Short profile 140
Cover letter
Sample cover letter – structure 144
Sample cover letter – contents 146
Application channels 148
Application documents checklist 153
Applying abroad 156

Interview
How you present yourself 158
Starting salaries 176
Alternative selection procedures
Tests and assessment centers 178
Summary 186
Application documents
Your business card

Your application documents are very important and it is vital that you are aware of their value. A written application is the prospective employer’s first impression of you, and it will determine if your application is considered further or rejected outright.

Its content and form should make people want to get to know you better in an interview.

There are several things you need to bear in mind here:

– HR managers often receive 50 or more applications for an advertised position, but just five to ten applicants are invited to a first interview.

– In the first selection round, HR managers’ top priority is usually to assess the CV. They get so many applications that they often have just one to three minutes to devote to each. The CV has to be very persuasive for the other documents to be considered at all. It provides the evidence proving you are an applicant who meets the job’s requirements.

– Employers want to fill vacancies with candidates who have the required job skills as well as the personality and motivation to fit in with the company and team. As the selection process progresses, the focus will gradually shift towards personality and motivation, placing less emphasis on technical qualifications. In the end, it is usually the chemistry between the future supervisor and the applicant that decides who will get the job.
Scope

The full application package includes the following standard documents, whereby the most recent document in each category goes on top:

- The cover letter
- A resume or CV
- Copies of school and university certificates (school-leaving onward)
- Copies of all references, confirmations of employment and letters of recommendation mentioned in the CV
- Copies of training certificates and the like, if relevant to the job
Curriculum vitae

As we mentioned in this chapter’s introduction, HR managers usually decide whether or not to invite a candidate to an initial interview based on the CV. This is why it so important for you to present the information in your CV clearly and concisely.

Will Evans of Ladders, Inc., conducted a survey in 2012 using eye tracking technology to measure recruiters’ eye movements as they scanned CVs. Here is what the study found:

- Participating recruiters spent six seconds looking at a CV.
- They devoted 80% of their time on these six items: Name, current position, last employer, start and end date of the last job, start and end date of the current position, and the educational background.

The researcher generated heat maps for two CVs, using colours to show the average dwell time. The red areas indicate what the recruiters looked at longest, on average.

The two sample CVs shown here track the recruiter’s eye movements on heat maps. The one of the right got more attention because of its clear and concise structure.
So be sure to bear the following in mind when drafting your CV:

– It presents your background and career path, so it needs to be individual and unique.
– Its layout should be clear and well-structured.
– Make sure it is complete.
– In each section, the most recent information comes first in reverse chronological order.
– We recommend keeping it to two pages for bachelor and master students and up to three for doctoral candidates.
– Use the same font throughout, with no more than two different font sizes and never smaller than 11 pt. Bold type works well for headings.
– No spelling mistakes or grammatical errors.

The standard practice is to structure the CV by topics. The following topics and sections are key components of a CV:

– Contact details
– Personal information
– Education
– Work experience
– Language skills
– Computer skills
– Hobbies/interests
– References

You can add the following sections to your CV to reflect your background:

– Military service
– Further education
– Laboratory skills/methods
– Extracurricular activities
– Scholarships/honours
– Two or three select publications

Please note that these are recommendations for Swiss CVs. Some other countries have different rules (see the section entitled Application → Applying abroad).
Sample CV – MSc and BSc

Contact details
- First name, last name
- Full home address
- One personal phone number only, ideally a mobile number
- Email address that is appropriate for business use: e.g. firstname.lastname@xyz.com

Photograph
- A photograph on your CV is optional, but very common in German-speaking countries.
- Have your application picture taken by a professional photographer.
- Dress professionally as you would for an interview.
- Be well-groomed.
- A good picture is no guarantee that you will be invited in for an interview, but an unflattering photograph may sink your application before you even get started.

Personal information
- Date of birth
- Nationality: Indicate all citizenships (e.g. Switzerland/France).
- If you have a work permit, mention it.
- Marital status (optional, e.g. married, single)

Giorgio Buonarico
Zürcherstrasse 37
8610 Uster
Phone: +41 79 598 41 88
E-Mail: giorgio.buonarico@ethz.ch

EDUCATION

ETH Zurich, Master’s Programme, Mechanical Engineering
Focus: Energy Science
Master’s thesis: “Aero-Thermo-Mechanical System Integration and Design of an Axial Compressor in a High-Altitude Airship”
Prospective graduation date: April 2020

ETH Zurich, Bachelor’s Programme, Mechanical Engineering
Focus: Robotics
Bachelor thesis: “Numerical Simulation of Unsteady Separated Two-Dimensional Flow around a Circular Cylinder”

Alte Kantonsschule Aarau, Matura
Focus: Mathematics and physics

WORK EXPERIENCE

ETH Zurich, Institute of Dynamic Systems & Control, Research Assistant
Since 04.2016
- Designed different experiments and prepared manuals
- Successfully modelled a three-way catalytic converter
- Conducted emission measurements and sensor calibration on the engine test bench

Limmat Scientific AG, Zürich, Research & Development Internship
10.2016 – 02.2017
- Assisted in two projects to develop solar panels
- Conducted risk benefit analysis
- Programmed LABView 8.0 and reported results of ongoing projects

Media Markt, Dietlikon, Multimedia Salesperson
06.2014 – 08.2014
- Customer service and sales (2014)

Ansaldo Energia, Baden, Workshop Training
06.2014 – 08.2014
- Supported in the design and conception of gas turbines
- Recorded customers reports
**Education**
- List all graduation certificates, diplomas and degrees obtained from secondary school and higher.
- Give the dates you attended each institution in months and years.
- State the name and location of the institution and the received or pursued certificate, diploma or degree at each stage.
- Indicate extension courses, specializations, major subjects and titles of theses or papers if they are relevant to the job you are seeking.
- State the selected track you chose during secondary school.
- Generally, final grades only get mentioned if they are high, in which case you have to be consistent and give the grades for all school-leaving certificates.
- Put foreign grades into perspective by stating the highest possible grade, e.g. “Final grade: 3.8 out of 4.0” or “3.8 / 4.0”.

**Work experience**
- List internships, assistantships, part-time jobs and volunteer work.
- You may have gained practical experience working for a student association when you attended a university. This is unpaid work, but the experience may be relevant to the prospective job. If so, list it alongside other internships and the like under the heading of “Practical experience” rather than “Work experience”, indicating your position in the association, tasks and responsibilities. If this experience is irrelevant to the job, you can list it under “Extracurricular activities”.
- Specify the time on each job in months and years.
- State the employer, place of work and your function for each job.
- Describe your responsibilities or at least two tasks that you accomplished in your position.
- Describe your activities precisely and expressively using strong verbs (“Successfully developed new method for...”) or nominalised verbs (“Successful development of a new method for...”), if possible, in combination with one adjective.
- Mention special accomplishments and successes.
Sample CV – MSc und BSc

**Extracurricular activities**
List job-specific and non-job-specific pursuits and volunteer work with charities, clubs, associations or community services.

**Further education/training**
This section includes participations in symposiums and conferences, trade fairs, language courses and personal development seminars such as public-speaking courses, preferably indicated in months and years.

**Military service**
You can list military service under a separate heading to provide the complete chronological picture of your background.

**Scholarships and awards**
Notable scholarships or awards should be listed under a separate heading, indicating the dates in months and years whenever possible.

**NB: Gaps in your CV**
Gaps during or immediately after your studies left by travel, language studies abroad, volunteer work and the like are usually not a problem. However, you should list them under “Interests or hobbies” or “Extracurricular activities” (e.g. 06.2017 – 10.2017: Toured South America).
Interests or hobbies

The aim of mentioning interests or hobbies is to give the reader a better and bigger picture of who you are. This can serve as an opening talking point for the job interview. Do not invent any "strategic hobbies" that you think will make your CV more interesting. Be true to yourself.

Language skills and stays abroad

- Be honest and realistic in assessing the level of your knowledge.
- For languages, state the skill level or your self-assessment using for example the Common European Framework of Reference for Languages (CEFR) and the language certificates you have acquired.
- Use just one name for each level, e.g. native speaker, business fluent, basic knowledge, or B1, C2, etc.
- Also avoid terms that refer to school leaving certificates (i.e. A-levels). They do not say much about your actual language skills.
- List stays or language studies abroad, preferably with the dates in months and years.
- Don’t forget to list your mother tongue.

Computer skills

IT skills are grouped by type such as programming languages, operating systems, graphics programs, user software, etc. and/or in accordance with the requirements specified in the job ad, e.g. very good knowledge, basic skills, etc.

References

Do not enclose or mention references by name unless specifically requested to do so. You will be asked to bring them to the interview or submit them later.
Daniel Kaufmann

EDUCATION

07/2012 – 06/2016
Doctor of Science in Computer Engineering, ETH Zürich, Switzerland

10/2007 – 03/2012
MSc in Computer Engineering, EPFL Lausanne, Switzerland
Final grade 2.5/6

10/2011 – 03/2012
Doctoral students should list the doctorate under both “Education” and “Work experience”.
– Under “Education”, indicate the doctorate, chair or institute, university and location along with the thesis title. Under “Work experience”, state that you are a staff researcher and then the chair or institute, university and location. State the activities and responsibilities that represent practical experience here.
– The title “Doctor of Science [Dr. sc. ETH Zurich]” is awarded after the candidate successfully completes the required course of studies.
– The term “PhD” is usually only used colloquially or in English-speaking countries.

09/2007 – 09/2010
“Maturité Gymnasiade”, Lycée-Collège Des Creusets, Sion, Switzerland
Focus: Mathematics, Biology and Chemistry
Final grade 5.5/6

PRACTICAL EXPERIENCE

07/2012 – 06/2016
Research Assistant, ETH Zurich, Computational Laboratory, Switzerland
– Responsible for control systems engineering in an interdisciplinary collaboration with GreatCorp., Basel, Switzerland
– Modelled and controlled diesel injectors using Matlab/Simulink
– Published research results, presented to management, attended conferences

Methods
– List specific knowledge of laboratory methods or software environments here. If you wish, you can indicate software environments under “IT skills” instead.
– You can rate this knowledge on a scale as required, e.g. very good knowledge, basic skills, etc.

Publications & conferences
– Specify just a few select publications rather than a complete list.
Summer Intern, Ford Motor Company, Kansas City, Kansas, USA
05/2011 – 08/2011
– Assisted Ford Customer Service in the launch of the Ford Mustang
– Mined large databases and generated reports for management
– Served as a liaison between the customer and Ford Engineering
– Organised the annual intern summer party including the communication, event management and the management of 10 volunteers.
Winter Intern, GreatMachines Ltd., Stans, Switzerland
02/2009 – 03/2009
– Completed design projects using Unigraphics software
– Apprenticed in milling, turning, drilling and welding

LANGUAGES
Native speaker
Proficient
Proficient
Advanced knowledge
Basic knowledge
German
English
French
Italian
Spanish

METHODS
Matlab/Simulink
Very good knowledge
dSpace Control Desk
Very good knowledge
LabVIEW
Very good knowledge
I-DEAS
Good knowledge
Unigraphics
Good knowledge
APEXYS
Good knowledge

COMPUTER SKILLS
Pascal
Good knowledge
C
Good knowledge
LaTeX
Good knowledge
MS-Office
Very good knowledge

EXTRACURRICULAR ACTIVITIES
03/2013
External Relations, VIS (Verein der Informatik Studierenden) ETH Zurich, Switzerland
– Developed a strategy for international networking
– Acquired customers and supported partners
– Organised and led excursions
03/2013
“Go Digital!” workshop, McKinsey & Company, Zurich, Switzerland
– Set up an online shop
– Worked in a team and presented the project

SELECT PUBLICATIONS

HOBBIES
– Mountaineering
– Sailing
– Scuba diving
– Reading

REFERENCES
Available upon request
## Main differences

### Main differences between CVs of BSc / MSc students and doctoral students

<table>
<thead>
<tr>
<th>Bachelor / master students</th>
<th>Doctoral students</th>
</tr>
</thead>
<tbody>
<tr>
<td>– CV max. 2 pages</td>
<td>– CV max. 3 pages</td>
</tr>
<tr>
<td>– List the master thesis under “Education”. The exception is an external master thesis pursued at a company. In this case, you can give the title of the paper under “Education” and the details of the research conducted at the company under “Work experience”.</td>
<td>– List the doctorate under both “Education” and “Work experience”. You can list the title or topic under “Education” and the details of the research, project management, teaching, etc., under “Work experience”.</td>
</tr>
<tr>
<td>– Do not list publications unless the master thesis was published in a journal or the like.</td>
<td>– List titles of select publications in the CV if relevant to the position [max. 3].</td>
</tr>
</tbody>
</table>

### Main differences in CVs for applications in industry and academia

<table>
<thead>
<tr>
<th>Industry</th>
<th>Academia</th>
</tr>
</thead>
<tbody>
<tr>
<td>– State the title of bachelor, master or doctoral thesis, but details only if they are relevant to the position.</td>
<td>– List details of bachelor’s, master’s and doctoral theses.</td>
</tr>
<tr>
<td>– You can list methods and laboratory experience, but details only if relevant.</td>
<td>– Indicate lab experience and describe working methods.</td>
</tr>
<tr>
<td>– Do not list conferences in your CV. If relevant, attach a complete list as a separate document.</td>
<td>– List participations in conferences.</td>
</tr>
<tr>
<td>– Names of professors are usually not listed unless he or she is well-connected throughout the company or publicly known.</td>
<td>– List professors’ names.</td>
</tr>
</tbody>
</table>
Wherever you want to land with your application.
Photograph

You are not obliged to include a picture with your CV, but it is commonly done in Switzerland.

If you decide to do so, we recommend that you have your picture taken by a professional photographer. Selfies taken while hiking, on holidays or for your student union ID do not look professional.

Put on a friendly face and smile. A good photographer will also help you adopt the right posture.

Make sure you look well-groomed. You may wish to look up a good hairdresser before the photo session. Dress professionally as you would for an interview.
FIRST IMPRESSION IS EVERYTHING

10 MIN FROM THE UNIVERSITY

BOOK YOUR SHOOTING NOW

www.cvpics.ch/cs
In English-speaking countries, it is not uncommon to insert a short profile between the sections “Personal details” and “Work experience” or “Education”. These profiles can also be found in Swiss CVs, but they are not standard practice.

A short profile consists of three or four brief sentences providing additional information. Rather than restating the CV’s content, they answer questions like this:

- What is my goal, where do I stand now?
- What qualifications / expertise do I bring to the table?
- How are my skills relevant to the job?

A short profile could be a good option mainly for students looking for a change of direction after graduating. This may be the case if the academic degree given in the CV does not explain your interest in or qualifications for an advertised job. For example, you could have a master’s degree in chemistry, but would like to get into marketing. A short profile could highlight qualifications that you acquired in elective courses, during the listed internships or outside your studies.

If you opt for a short profile, do not make it all too generic; instead, adapt it to the given job and describe only those skills that are truly relevant to that position.
Cover letter

The cover letter alone will rarely make or break your application’s chances of getting preselected. However, it does play an important part in the subsequent selection process. If you are able to word this letter in a way that briefly and succinctly conveys your qualifications and motivation for the given job, your chances of being invited to an interview are good.

No two advertised position are the same, so you have to address the company’s specific requirements in your cover letter. They all require different combinations of technical skills and key competencies, and you have to address each individually (see chapter Focusing → Job advertisements).

Content is important, but a cover letter also has to have a clear structure to make a good impression.

General tips
- The cover letter should be no more than one page in letter format.
- Use the correct and full salutation, including titles.
- It is best for the letter to match the CV’s font and font size.
- Write in your own style; do not recycle pre-worded sentences found online or in guides.
- Convey a brief, precise picture of your qualifications and motivation, always in the context of the job and company, and underscore your experience with examples.
- State your skills and achievements objectively and neutrally without rating yourself on any scale.
- Use active verbs (see the list of “Active verbs” on the next page) and avoid nouns when describing what you did. Example: “During my internship I drew up development concepts and was able to put them into practice.”
- Check your cover letter for spelling mistakes and grammatical errors; have someone else proofread it.
### Active verbs for German applications

<table>
<thead>
<tr>
<th>Management</th>
<th>Communication</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analysieren</td>
<td>Abstimmen</td>
<td>Abhandeln</td>
</tr>
<tr>
<td>Ausführen</td>
<td>Ansprechen</td>
<td>Abklären</td>
</tr>
<tr>
<td>Betreuen</td>
<td>Beeinflussen</td>
<td>Beaufsichtigen</td>
</tr>
<tr>
<td>Delegieren</td>
<td>Beteiligen</td>
<td>Befragen</td>
</tr>
<tr>
<td>Empfehlen</td>
<td>Entwerfen</td>
<td>Diagnostizieren</td>
</tr>
<tr>
<td>Entwickeln</td>
<td>Formulieren</td>
<td>Erforschen</td>
</tr>
<tr>
<td>Erwirtschaften</td>
<td>Führen</td>
<td>Erläutern</td>
</tr>
<tr>
<td>Evaluieren</td>
<td>Interpretieren</td>
<td>Evaluieren</td>
</tr>
<tr>
<td>Führen</td>
<td>Mitarbeiten</td>
<td>Identifizieren</td>
</tr>
<tr>
<td>Konsolidieren</td>
<td>Mitverfassen</td>
<td>Organisieren</td>
</tr>
<tr>
<td>Koordinieren</td>
<td>Moderieren</td>
<td>Recherchieren</td>
</tr>
<tr>
<td>Leiten</td>
<td>Publizieren</td>
<td>Sammeln</td>
</tr>
<tr>
<td>Organisieren</td>
<td>Überzeugen</td>
<td>Systematisieren</td>
</tr>
<tr>
<td>Planen</td>
<td>Verfassen</td>
<td>Überprüfen</td>
</tr>
<tr>
<td>Prioritäten setzen</td>
<td>Verhandeln</td>
<td>Überwachen</td>
</tr>
<tr>
<td>Reorganisieren</td>
<td>Vermitteln</td>
<td>Untersuchen</td>
</tr>
<tr>
<td>Überprüfen</td>
<td>Vorschlagen</td>
<td>Zusammenfassen</td>
</tr>
</tbody>
</table>

### Active verbs for German applications

<table>
<thead>
<tr>
<th>Techniques</th>
<th>Teaching/Coaching</th>
<th>Accomplishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anpassen</td>
<td>Anleiten</td>
<td>Ableiten</td>
</tr>
<tr>
<td>Aufbauen</td>
<td>Ausbilden</td>
<td>Abschliessen</td>
</tr>
<tr>
<td>Aufzeigen</td>
<td>Bekräftigen</td>
<td>Beheben</td>
</tr>
<tr>
<td>Berechnen</td>
<td>Beraten</td>
<td>Beschleunigen</td>
</tr>
<tr>
<td>Durchführen</td>
<td>Bereitstellen</td>
<td>Bewirken</td>
</tr>
<tr>
<td>Entwerfen</td>
<td>Betreuen</td>
<td>Einführen</td>
</tr>
<tr>
<td>Entwickeln</td>
<td>Darlegen</td>
<td>Entdecken</td>
</tr>
<tr>
<td>Herstellen</td>
<td>Einführen</td>
<td>Erfinden</td>
</tr>
<tr>
<td>Instand halten</td>
<td>Ermöglichen</td>
<td>Erreichen</td>
</tr>
<tr>
<td>Instand setzen</td>
<td>Inspirieren</td>
<td>Erweitern</td>
</tr>
<tr>
<td>Kalkulieren</td>
<td>Klären</td>
<td>Erzielen</td>
</tr>
<tr>
<td>Konstruieren</td>
<td>Lehren</td>
<td>Gründen</td>
</tr>
<tr>
<td>Lösen</td>
<td>Motivieren</td>
<td>Konzipieren</td>
</tr>
<tr>
<td>Montieren</td>
<td>Repräsentieren</td>
<td>Lösen</td>
</tr>
<tr>
<td>Neu gestalten</td>
<td>Teilnehmen</td>
<td>Überzeugen</td>
</tr>
<tr>
<td>Programmieren</td>
<td>Überprüfen</td>
<td>Verdoppeln</td>
</tr>
<tr>
<td>Zusammenstellen</td>
<td>Unterstützen</td>
<td>Vermehren</td>
</tr>
</tbody>
</table>

ETH Application Guide 2020
### Active verbs for applications in English

<table>
<thead>
<tr>
<th>Management</th>
<th>Communication</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administer</td>
<td>Address</td>
<td>Clarify</td>
</tr>
<tr>
<td>Analyse</td>
<td>Author</td>
<td>Collect</td>
</tr>
<tr>
<td>Assign</td>
<td>Co-author</td>
<td>Critique</td>
</tr>
<tr>
<td>Consolidate</td>
<td>Collaborate</td>
<td>Diagnose</td>
</tr>
<tr>
<td>Coordinate</td>
<td>Correspond</td>
<td>Evaluate</td>
</tr>
<tr>
<td>Delegate</td>
<td>Develop</td>
<td>Examine</td>
</tr>
<tr>
<td>Develop</td>
<td>Direct</td>
<td>Extract</td>
</tr>
<tr>
<td>Direct</td>
<td>Influence</td>
<td>Identify</td>
</tr>
<tr>
<td>Evaluate</td>
<td>Interpret</td>
<td>Inspect</td>
</tr>
<tr>
<td>Execute</td>
<td>Lecture</td>
<td>Interpret</td>
</tr>
<tr>
<td>Organise</td>
<td>Mediate</td>
<td>Inspire</td>
</tr>
<tr>
<td>Plan</td>
<td>Moderate</td>
<td>Investigate</td>
</tr>
<tr>
<td>Prioritise</td>
<td>Negotiate</td>
<td>Organise</td>
</tr>
<tr>
<td>Recommend</td>
<td>Persuade</td>
<td>Review</td>
</tr>
<tr>
<td>Reorganise</td>
<td>Promote</td>
<td>Summarise</td>
</tr>
<tr>
<td>Review</td>
<td>Propose</td>
<td>Survey</td>
</tr>
<tr>
<td>Supervise</td>
<td>Publicise</td>
<td>Systemise</td>
</tr>
</tbody>
</table>

### Active verbs for applications in English

<table>
<thead>
<tr>
<th>Techniques</th>
<th>Teaching / Coaching</th>
<th>Accomplishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assemble</td>
<td>Assist</td>
<td>Achieve</td>
</tr>
<tr>
<td>Build</td>
<td>Clarify</td>
<td>Complete</td>
</tr>
<tr>
<td>Calculate</td>
<td>Coach</td>
<td>Convince</td>
</tr>
<tr>
<td>Compute</td>
<td>Counsel</td>
<td>Discover</td>
</tr>
<tr>
<td>Conceptualise</td>
<td>Demonstrate</td>
<td>Double</td>
</tr>
<tr>
<td>Design</td>
<td>Educate</td>
<td>Effect</td>
</tr>
<tr>
<td>Devise</td>
<td>Facilitate</td>
<td>Eliminate</td>
</tr>
<tr>
<td>Engineer</td>
<td>Familiarise</td>
<td>Expand</td>
</tr>
<tr>
<td>Fabricate</td>
<td>Guide</td>
<td>Found</td>
</tr>
<tr>
<td>Maintain</td>
<td>Inspire</td>
<td>Improve</td>
</tr>
<tr>
<td>Operate</td>
<td>Motivate</td>
<td>Increase</td>
</tr>
<tr>
<td>Perform</td>
<td>Participate</td>
<td>Initiate</td>
</tr>
<tr>
<td>Pinpoint</td>
<td>Provide</td>
<td>Introduce</td>
</tr>
<tr>
<td>Program</td>
<td>Reinforce</td>
<td>Invent</td>
</tr>
<tr>
<td>Remodel</td>
<td>Support</td>
<td>Launch</td>
</tr>
<tr>
<td>Repair</td>
<td>Teach</td>
<td>Reduce</td>
</tr>
<tr>
<td>Solve</td>
<td>Verify</td>
<td>Resolve</td>
</tr>
</tbody>
</table>
Sample cover letter – structure

**Contact details**
- First name, last name
- Full home address
- One phone number
- Email

**Company address**
- Correct and complete name of the company
- Name of the contact person, if available

**Place and date**

**Subject heading**
- State the job title and a reference number, if available. Example:
  - Application for “Change Management”
  - Consultant job – your ad on ETH get hired
  - Job ad on your homepage – “Consultant, ref. 42810CH”

**Salutation**
If you know the contact person’s name, address the letter to this individual. Otherwise, use the salutation “Dear Sir or Madam”.

**Closing and signature**
- “Sincerely yours”, “Yours sincerely”, or “Sincerely”.
- If it is a digital application, you can dispense with a handwritten signature or insert a scanned signature

**Enclosures**
The term “Enclosed” is outdated and no longer used.
Whether you think you can or you think you can’t, you’re right.

HENRY FORD
Sample cover letter – contents

Again, you should summarize your achievements and motivation in a few short and precise sentences in your cover letter. This is by no means an easy task. Application guides suggest that you will have to put in around a full day’s work to write your first good cover letter. Our experience bears this out.

It is very important that you align your cover letter with the job you are seeking. You will have to do more than just restate the bullets in your CV as sentences – provide additional information and describe the highlights of your profile that make you an interesting candidate for the job and company.

Section 1: YOU (the company)
- What do I know about the company?
- What fascinates me about the company and job?

Be sure to avoid superficial opening lines like, “I am hereby applying for the job advertised on ETH get hired.” Rather than lifting passages verbatim from the company website, put some thought into why you are interested in this enterprise. Describe your reasons in brief sentences. It is the personal touch that makes your message authentic.

Example:
“Management Consulting AG has earned its reputation with innovative strategy projects. I relish the opportunity to put my skills to work in very different projects for various companies and to find solutions in collaboration with customers.”

Section 2: ME (my qualifications as a candidate)
- Why am I a viable candidate?
- What qualifications do I have for the advertised job?
- Where did I acquire and prove my skills?

Describe your current job or situation and address the criteria described, required and desired in the ad. Citing the criteria in the job description, provide examples of where and how you have performed these tasks. Do not just list the skills and requirements of this position in your cover letter without providing specific examples. Also avoid using simple phrases such as “I am communicative”, “a team player” and the like; instead, illustrate these qualities with real-world examples.
Dear Ms. Braun,

Section 1: Lorem ipsum ut quod ferri definiebas quo, ius graeci laboramus honestatis, id ius nullam soluta partiendo. Duo te corpora prodeesset posidonium velit doctus an quo, id inani clita. No usu saperet appareat probatus, usu ipsum intellegebat ex.


Yours sincerely,
Jane Doe

Example: “During my internship at XY, I learned to quickly get acquainted with unfamiliar topics and to work in an international team. I was also able to further develop my presentation skills when interacting with customers.”

Section 3: WE (closing, request)

– How do I wish to sign off?
– What is the next step?

A cover letter usually ends with a word of thanks and a show of interest in a meeting to learn more about the company and job.

Examples:
– “I look forward to meeting you in person and learning more about the job, tasks and team in an interview.”
– “I would be happy to talk to you personally and look forward to learning more about the job and its requirements.”
Application channels

Most companies tell job applicants to apply by email or online; that is, via the company’s application platform. These days, there is very little demand for applications sent by postal mail.

When applying via a company’s online platform, attach your CV and cover letter as a document in the desired file format whenever you can. This is the only way you have to determine the look and feel of your message so that it stands out among the sameness dictated by a predetermined format. Then use the “Remarks/Message” box to politely draw attention to your cover letter and other attachments.

ATS software – what is it?
An applicant tracking system (ATS) serves to manage job applications. Many large companies have been using an ATS for years to keep track of thousands of applications; now SMEs are also starting to integrate these systems into their processes.

This means that your personal data, contact information, experience and education, CV and cover letter will be uploaded to a company database as soon as you apply online.

An ATS helps HR staff do things like publish job ads on its website and on job portals, and screen, document and sort applications. Companies also use an ATS to do other things like send automated notifications to applicants to let them know that their application has been received, to conduct online tests, to schedule interviews, and to send rejection messages.
Maximise your chances to get the Swiss work permit

Are you a student with Non-EU citizenship?

A-Link is here to help you clarify questions around work permits and unlock your career.

Click here to learn more www.a-link.ch
### Tips: Online applications

- First read through the online form. Gather up all the information you will need before you start filling in the form (you may not be able save data before completing the form).
- Format the requested documents as instructed.
- Check all documents that are to be attached for completeness and proper grammar and spelling, particularly the company’s name and address and the name of the contact person.
- Check everything on the form for proper grammar and spelling before sending it in.
- If possible, print out the completed form and file it with your application records.

### Tips: Applicant Tracking System (ATS)

- Do not put contact information in a header because the software may be set so that a document’s headers and footers are not displayed.
- If possible, use standard fonts like Arial, Calibri, Helvetica, Tahoma or Verdana. Unusual or rarely used fonts could be rejected by the ATS software.
- The font size should be at least 11 pt, not smaller.
- Do not use extravagant formatting, graphics, images or logos.
- Do not format information in tables as these may go unrecognized.
An ATS can also automatically filter and preselect applications according to criteria such as keywords, skills, previous employer, work experience and qualifications.

Keywords really are essential because these systems are so widely used. These could be terms that appear in the requirements of the job ad, or they are used as standard vocabulary in the industry and profession. You should in any case seek to identify the key words that are relevant to your application and use these terms in your cover letter and CV. The LinkedIn and Xing social media profiles of the target company’s employees are also good sources of keywords. They can also be found in the job and task descriptions.
Interested in consulting? We provide a platform for graduate students to connect and develop their consulting skillset and career.

Want to gain experience? We provide not-for-profit consulting for start-ups and NGOs and teach how to solve cases.

Do you want to meet consulting companies? Talk to them at one of our events.

Find out more at graduateconsultingclub.org!
Application documents checklist

The following tables recap key important points in your application documents – use them as a checklist when reviewing your applications before submitting them.

<table>
<thead>
<tr>
<th>General checklist for application documents</th>
<th>Checked?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application documents</td>
<td></td>
</tr>
<tr>
<td>Meet the company's requirements (email, online, etc.)</td>
<td>■</td>
</tr>
<tr>
<td>Save all documents as separate PDF files (CV, cover letter, certificates...)</td>
<td>■</td>
</tr>
<tr>
<td>Documents are all attributable to you by name (e.g. cv_janedoe.pdf, coverletter_doe.pdf)</td>
<td>■</td>
</tr>
<tr>
<td>Review all files for completeness before submitting them</td>
<td>■</td>
</tr>
<tr>
<td>Send only files with certificates, evidence of employment, etc. mentioned in the CV</td>
<td>■</td>
</tr>
<tr>
<td>Have someone else proofread spelling and grammar</td>
<td>■</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General checklist for application documents</th>
<th>Checked?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application via email</td>
<td></td>
</tr>
<tr>
<td>Include your contact details in the signature when applying via email</td>
<td>■</td>
</tr>
<tr>
<td>Write a short, formal email drawing attention to the attached files</td>
<td>■</td>
</tr>
<tr>
<td>State in the subject line what this is about: e.g. “Application for a job as a development engineer for turbines”</td>
<td>■</td>
</tr>
<tr>
<td>If you catch a mistake after sending the email, correct it immediately with a friendly follow-up email</td>
<td>■</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>General checklist for application documents</th>
<th>Checked?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managing your documents</td>
<td></td>
</tr>
<tr>
<td>Keep track of all your applications and save the job ads and contact persons</td>
<td>■</td>
</tr>
<tr>
<td>It is important that you have both at hand if you are invited to an interview</td>
<td>■</td>
</tr>
<tr>
<td>CV checklist</td>
<td>Checked?</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Contact details</td>
<td></td>
</tr>
<tr>
<td>First name, last name</td>
<td></td>
</tr>
<tr>
<td>Full home address, incl. the country</td>
<td></td>
</tr>
<tr>
<td>Phone number (mobile)</td>
<td></td>
</tr>
<tr>
<td>Email address</td>
<td></td>
</tr>
<tr>
<td>Personal information</td>
<td></td>
</tr>
<tr>
<td>Date of birth</td>
<td></td>
</tr>
<tr>
<td>Nationality (residence permit, if applicable)</td>
<td></td>
</tr>
<tr>
<td>Marital status (optional)</td>
<td></td>
</tr>
<tr>
<td>Photograph</td>
<td></td>
</tr>
<tr>
<td>Business formal attire suitable to the position</td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td></td>
</tr>
<tr>
<td>Secondary school diploma and university degrees (most recent first)</td>
<td></td>
</tr>
<tr>
<td>A complete record of months and years</td>
<td></td>
</tr>
<tr>
<td>If you disclose final grades, state them for all university degrees and school diplomas</td>
<td></td>
</tr>
<tr>
<td>Uniform structure (name of school, title of degree, etc.)</td>
<td></td>
</tr>
<tr>
<td>Work experience</td>
<td></td>
</tr>
<tr>
<td>List all relevant positions</td>
<td></td>
</tr>
<tr>
<td>A complete record of months and years</td>
<td></td>
</tr>
<tr>
<td>Describe activities and responsibilities with at least two bullet points</td>
<td></td>
</tr>
<tr>
<td>Uniform structure (name of employer, job title or function, etc.)</td>
<td></td>
</tr>
<tr>
<td>Language skills</td>
<td></td>
</tr>
<tr>
<td>State your native language</td>
<td></td>
</tr>
<tr>
<td>Indicate the skill level clearly and consistently for all languages</td>
<td></td>
</tr>
<tr>
<td>List language studies abroad</td>
<td></td>
</tr>
<tr>
<td>Computer skills</td>
<td></td>
</tr>
<tr>
<td>List all relevant skills</td>
<td></td>
</tr>
<tr>
<td>Specify the level according to job requirements</td>
<td></td>
</tr>
<tr>
<td>Hobbies</td>
<td></td>
</tr>
<tr>
<td>Listed</td>
<td></td>
</tr>
<tr>
<td>References</td>
<td></td>
</tr>
<tr>
<td>Note: available on request</td>
<td></td>
</tr>
</tbody>
</table>
### CV checklist

<table>
<thead>
<tr>
<th>Military service</th>
<th>Indicated separately</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the same structure as education or work experience</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Continuing education</th>
<th>A complete record of months and years</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the same structure as education</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Scholarships, awards</th>
<th>Listed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Extracurricular activities</th>
<th>Listed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Knowledge of methods</th>
<th>For R&amp;D jobs or where relevant</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Select publications</th>
<th>Relevant only for doctoral students, post-docs</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Number of pages</th>
<th>Bsc, msc students max. 2 pages</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Doctoral students, post-docs max. 3 pages</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contents</th>
<th>Use keywords found in the job ad and in the company’s vocabulary</th>
</tr>
</thead>
</table>

### Checklist for the cover letter

<table>
<thead>
<tr>
<th>Contact details</th>
<th>First name, last name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Full home address, incl. the country</td>
</tr>
<tr>
<td></td>
<td>Phone number (mobile)</td>
</tr>
<tr>
<td></td>
<td>Email address</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Company address</th>
<th>Correct company name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Contact person, if known</td>
</tr>
<tr>
<td></td>
<td>Full address</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Place and date</th>
<th>Up to date</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Subject line</th>
<th>Proper job title, reference number, etc.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Contents</th>
<th>YOU – ME – WE structure</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length</th>
<th>No more than one page</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Spelling and grammar</th>
<th>Checked by other people</th>
</tr>
</thead>
</table>

---

155 ETH Application Guide 2020
Applying abroad

There is little difference in the content of applications within Europe. In Switzerland and elsewhere, the focus is on providing a concise overview of accomplishments and the motivation for the application. However, the formal details of applications vary from country to country and need to be taken into account. Consult local universities’ career service websites to learn more.

Applying in the USA

There is no fundamental difference between the content of American resumes and cover letters and European applications. However, you should be aware that the priorities are different from those in our latitudes.

As a rule, you will submit only your resume and a cover letter for a non-academic job.

Like a European CV, the US resume is divided into sections by topic:

- No longer than one page
- Contact details
- Heads up: Applications in the USA do not include personal details such as a photograph, nationality, marital status, sex or date of birth.
- Education: Mention exceptional achievements and put foreign grades into perspective by specifying the highest achievable grade (e.g. GPA [grade point average]: 5.8/6.0) or quantify your performance as in “top 5% of the class”.
- Work experience: Focus on actions and outcomes (projects, activities, results), e.g. “Assessed profitability of expansion strategy in the biotech industry; the results were used by the client to make market entry decisions”.
- Language and computer skills
- Other activities (hobbies, voluntary/community work)
- Awards/honours

To learn more about applications in the USA, we recommend that you read the MIT Career Handbook (Massachusetts Institute of Technology). You will find it online at: https://gecd.mit.edu/resources/career-handbook.
Interview
How you present yourself

Congratulations! Your application was persuasive and the employer wishes to meet you. This probably makes you one of the top five or ten candidates that are usually selected from a pool of many applicants. You can be proud of this achievement, as you are now a great deal closer to your goal. But the most important part still lies ahead – the interview. Your goal in the interview is to confirm the good impression created by your application. In this section, we want to show you how to best prepare for your interview, what questions to expect, and what to do after the interview. A few days before the interview, be sure to take plenty of time to work through the following checklists and questions.

Different types of interviews
Interview techniques vary. When you get invited to an interview, you may encounter a combination of methods rather than just one. To be well-prepared for the discussion, it will benefit you to understand the fundamentals of the different styles and techniques. An overview and brief explanation of the most important and most common types of interviews follows.

Interviews are usually conducted in a structured, semi-structured or unstructured way. So, what does that mean?

A fully structured interview is scripted – all questions and the sequence are predefined, and all applicants for a given job are asked the same questions. This method gives the company a good way of comparing candidates. It will feel more like a question-and-answer session than a discussion. If you find yourself in this situation, make sure your answers tell the interviewer everything you want to convey because there will be few or no follow-up questions.

Most questions in semi-structured interviews are scripted, but their order may be changed and questions may be omitted and added during the interview. Most job interviews follow this pattern. If your interviewer asks scripted questions, but also responds to your answers and occasionally follows up on your answers, than this is a semi-structured session.
In an **unstructured interview**, interviewers do not have scripted questions; they respond intuitively to you and your profile. It feels more like a conversation that unfolds naturally. Entirely unstructured interviews are rare. If you find that your interviewers do not have scripted questions, you can steer the conversation in a certain direction. The interviewers, too, can dive deeper into topics and spend more time following up on your replies.

**Screening or pre-screening interviews**
These types of interviews are usually shorter. They serve to discover if a candidate has the right motivation and meets the fundamental requirements for a job. Usually conducted by phone or video link, these are often the first interviews in the application process. Screening interviews are often conducted by recruiters and HR managers, so be prepared to answer the usual questions about yourself and your motivation, goals and basic qualifications. The questions rarely venture into deeply technical territory.

**Phone interview**
Keep the following in mind for a phone interview:
- Prepare just like you would for a face-to-face interview.
- Be wide awake and alert even if you are conducting the interview from your living room.
- Find a quiet place where you will not be interrupted or disturbed by others.
- Keep your CV in sight and have paper and a pen ready to take notes.
- Make sure you have a good connection, use a landline if available, and switch off call waiting and the like to make sure nothing interferes with your conversation.
- Do not eat, smoke or chew gum during the interview.
- Try to smile – we can hear a smile in someone’s voice as it changes the tone for the better. Some people find it helpful to stand or walk around the room during an important phone call. This can also make your voice sound more powerful.
- Speak clearly and do not rush your words. Give some audible feedback during the interview, for example, by saying “Mmmh”, “I understand”, or the like when the interviewer offers more information about the job.
**Video-Interview**

A video interview usually consists of a set of pre-recorded questions for you to answer using your computer’s camera and microphone. It can also be a live interview via Skype or similar software. In addition to the points made above, keep the following in mind for a video interview:

- **Dress appropriately as you would for a face-to-face interview.**
- **Pick a quiet, neutral spot where you will not be disturbed.** Places like your shared kitchen are not the best choice; the interviewer may well be distracted by the environment.
- **Make sure you have a good internet connection and try your webcam and microphone beforehand to confirm that they work.**
- **Rather than staring at your tabletop or studying your notes, look into the camera during the interview or when answering questions.** During a live interview, try to maintain eye contact with the interviewer.
Technical interviews and questions
Technical interviews are usually conducted by prospective line managers or team members. They focus on your technical skills and knowledge. To prepare for an interview with a prospective superior, be ready to answer questions about all technical requirements set out in the job description and to demonstrate your technical knowledge, for example, by describing your master’s thesis or dissertation.

Competency based interviews and questions
The premise for this interview method is that a past behaviour is an indicator of a candidate’s future conduct. These questions address competencies that are essential to the advertised job and ask for specific examples. The interviewer may ask you something like, “Describe a situation where you had to make a difficult decision that turned out to be wrong.”

To answer these questions well, you should prepare examples of all the required competencies set out in the job description. Use the STAR method to do this (see the chapter entitled Analysis → What am I good at? – STAR method).

Situational interviews / questions
Although situational questions are much like skill-based questions, they focus on a hypothetical situation rather than a past experience of yours. For example, “Imagine you have a deadline in three days; today you realise that you probably will not meet it. What are you going to do?”

Stress interviews and questions
Rare in Switzerland, this interview technique is usually only used for high-pressure, very stressful jobs. However, interviewers may want to see how you deal with pressure and stress. To this end, they could ask you a provocative question or put you under pressure in some other way. One technique is to repeatedly interrupt you. It is important to stay calm and focused in these situations and avoid being angry, aggressive or defensive.
Preparation
Always bear in this mind when preparing for an interview: If you are invited to an interview, this company sees you as a viable candidate. Businesses have no time or interest in interviewing applicants who are unsuitable for the position. If you keep this in mind during your preparations, it will affect your attitude and behaviour during the interview. You will start to see interviewers as “allies” who are pursuing the same goal as you. Both sides want a good interview and the best match of requirements, qualifications and expectations.

Add these points to your list of important to-dos when preparing for an interview:

- Learn as much as you can about the company beforehand: Read press releases and annual reports on the website and research the trade press.
- Build on your research findings to consider what questions you have about the company. Jot these down on a notepad and take it to the interview with you.
- Find out who will be interviewing you and in what language; research the interviewers’ backgrounds (position, CV, skills).
- Reread the job ad thoroughly. Make a list of the stated job requirements, the skills you have to tackle these tasks, and specific examples of these skills in action (see the chapter entitled Analysis → What am I good at? – STAR method).
- A few days before the interview, ask friends or family members to conduct a mock interview with you. Go through each of the interview stages, answering every set of questions just like you would in the actual interview.
Etiquette

Although there is no hard-and-fast rule as to how you should dress for an interview, it is definitely in your best interest to be well-groomed and look professional. This shows respect for the company and interviewers and sends the message that you are serious about this application. It is better to err on the side of being slightly overdressed than showing up in all too casual attire.

If you are unaccustomed to wearing a suit, trouser suit or jacket and skirt, get comfortable in your business attire by wearing it once or twice before the interview. You definitely want to feel at ease during the interview.

Tips: Preparing for the interview

→ Prepare the application documents and take a copy of each to the interview, including any certificates or grades that you have yet to add to your application.
→ Study the directions, train or bus timetables carefully to ensure you will arrive on time rather than stressed out in a hurried rush.
→ Bring a pad and pen to take notes during the conversation.
→ Note the company’s and your contact person’s phone numbers for use in the event of emergency.
The sequence and potential questions

There are no fixed procedural rules for interviews. However, you can expect most HR managers to prefer a structured or semi-structured discussion.

The order can vary from interviewer to interviewer, but most sessions follow a pattern in line with the topics to be addressed:

- Warm up
- The interviewer presents the company and the job to be filled.
- The applicant introduces herself/himself and is interviewed.
- Explore the details of the job.
- The applicant asks questions.
- You may even start discussing the terms of a contract.
- Wrap up

Warming up

The company’s representatives first want to break the ice and gain an initial impression of you. Be sure to greet all interviewers in an open and friendly manner and with a firm handshake. The various parties will introduce themselves and one will explain the order of the interview. Be attentive and friendly even at this early stage. And remember to watch your body language.

More on the company and job

Your interviewer will usually describe the company and the position to be filled before the questions start. Listen attentively and show you are interested. If you have any questions, make a note and address them at the end of the interview or ask politely if you may raise them immediately.
looking for a job?
up to 8 job interviews in one day!

Interview day
23. October 2020

Everything you need to know on
www.campusinterview.ch

70+ companies participating
Your turn to present yourself
The actual interview commences; now it is time for you to sell your skills and strengths to the interviewers. Keep it natural, answering the questions briefly and to the point. Strike a clear, friendly tone and do not rush your words.

The following examples aim to help you prepare yourself well for this interview stage. Come up with a good answer to every question and rehearse its delivery with friends or your family in a mock interview. The better prepared you are for the actual questions, the less inhibited and the more comfortable you will be talking to your interviewers.

Below are some typical questions you should be prepared for.

Background
- Talk about your CV, emphasizing what you feel are the important points.
- What motivated you to choose your particular field of study? Why did you choose that particular university?
- How would you describe your attitude to academic life?
- What aspects of your field did you specialize in, and why?
- Share some insight into your bachelor’s or master’s thesis.
- How do you see your future career, and why?
- Do you think that your studies have prepared you well for your professional future, and in what way?

Motives
- Why did you apply for a job with us? What do you know about our company?
- Do you have any special connection with our company or products?
- What interests you particularly about this job?
Motivation
- Why should we employ you rather than someone else?
- What achievements are you particularly proud of?
- What has priority for you at work?
- Have you ever been dissatisfied with your performance and how did you deal with it?
- If you got the job, what would you do in the first 30 days?
- Where do you want to be in five year’s time?

Personal and social background
- How do you spend your free time?
- In a nutshell, how would you describe yourself?
- What do you think your last boss would say about you?
- Have you ever had difficulties getting along with people, and what consequences did you draw from that?
- What three positive character traits would you like to further develop?

Professional skills and inclinations
- How well do you know our profession?
- Which technical books and articles have you read recently?
- In which fields do you still have gaps and what do you intend to do about them?

Challenges
- Why is there a gap in your CV?
- Why is the grade for your bachelor’s degree so poor?
- You realise that it is impossible to meet the deadline for a job because members of your team are not reliable. What do you do?
- If I were your boss and I asked you to do something you had reservations about, what would you do?
- Do you have other applications currently under consideration?
Competency-based questions
– Describe a situation in which you had to work in a team.
– Tell me about a situation in which you had to assert yourself.
– Can you give me an example of where you had to explain something complicated to another person in easily understood terms?

Situational and hypothetical questions
– Picture this: Two of your teammates do not get along; each approaches you on their own to complain about the other person. How do you react?
– What would you do if you were a team leader and a customer called you to complain about one of your employee’s behaviour?
– If you were our company’s sales manager, what would you do first to boost our sales?

Exploring the details of the job
After the prospective employer has asked all the questions, he will probably describe in detail the main and secondary tasks of the job at hand. This may include targets, requirements, development possibilities and on-boarding. Again, listen attentively and with interest, and ask questions if you can.

Applicant’s questions
At this stage of the interview, you will be given the opportunity to ask any questions you may still have. This is your cue to take out the notepad with the questions you prepared earlier and demonstrate that you did your homework for this interview. You may ask any product-related, job-related or technical questions that were not answered earlier in the interview. Salary is a topic best left to the company representatives to bring up. Be prepared to give an annual salary range when asked about your expectations.
Examples of an applicant’s questions
- How does the department fit into the overall organization?
- What departments will I be working with?
- What is the average seniority and educational background of my prospective colleagues?
- How will I be on-boarded?
- What other projects do you have planned?
- May I ask you how long you have been with the company and how you would describe your experience?
- Can you tell me something about your corporate and management culture?
- What do you expect of me in the first three months?
- Would it be possible to see the prospective workplace and meet team members?
- What further training programs do you offer?
- What are the next steps? Will there be further interviews?
- By when can I expect to hear from you?

Discussing contract terms
Once you have asked your questions, the HR manager may explain the standard terms of employment with the company. This could happen even if the salary has yet to be discussed. Listen closely, for you are getting key information about a prospective employment contract, such as:

- A description of your functions
- Earliest starting date
- Probation period
- Notice periods
- Leave time
- Salary policy
- Social security benefits

If any of this goes unmentioned, it is best not to bring it up. Often these talking points – and the salary, especially – are not discussed in detail until you have been selected as a candidate for the position.
Wrapping up the interview

First impressions count; last impressions last. Be as mindful about your conduct at the end of the interview as you were at the beginning. It is important to arrange the next steps, particularly who calls who. If this is not clear, ask which of you will be getting in touch. Thank your interviewers for the interesting discussion and for their time.

Tips: Things to do throughout the interview

- Be true to yourself in every situation and authentic in each answer. There is nothing wrong with admitting to the odd occasion where you failed to think about something, or didn’t know or do something.
- Watch your body language, facial expressions and gestures.
- Maintain eye contact with all interviewers.
- Pay close attention to and show interest in what your interviewers are saying. Look them in the eye and signal that you are listening attentively by nodding or saying things like “I understand”.
- Think before you reply; ask the speaker to repeat a question that you did not quite understand.
- Keep it short and be specific.
- Always use examples to show what you are good at and what you want. Take every opportunity to tie your answers in with your background and CV, and be sure to mention extracurricular activities.
- Skip the personal stuff. Problems, worries, concerns or negative experiences have no place in a job interview.
- Let your interviewer lead the conversation and do not interrupt.
- Speak in the active voice with strong verbs and keep it positive and optimistic.
Body language
Body language sends a powerful message – we often underestimate how much we are saying without speaking. This is why we want to give you some key pointers about body language.

Eye contact
Make eye contact. It is through eye contact that we establish a connection with others and are perceived as an individual.

Voice
Pay attention to your voice and try not to speak too softly even if you are a shy person.

Smile
Try to smile even if you are nervous. This demonstrates a friendly, open attitude that can have positive impact on the course of the conversation.

Posture
Adopt an open and alert posture, keeping your arms and hands on the table rather than folded over your chest. You may hold a pen if this calms you down.

Handshake
Greet your counterpart with a confident, firm handshake.
Companies’ assessment criteria
Applicants never see what goes on behind the scenes of the selection process and are often left in the dark about what makes or breaks an interview. All you can do is give it your very best; the final decision will inevitably be based on an aggregate of impressions.

To give you an idea of what plays into this decision, let us re-cap the key assessment criteria:

- What motivated you to apply for this job?
- What are your professional and soft skills?
- What impression do your appearance, comportment and manners make?
- What are your character traits?
- How open are you to cooperation and teamwork?
- Are your ideas about the job realistic?
- Do your statements sound genuine and truthful?
- Have you given serious consideration to the question of why you are suitable for the position?
- How perceptive are you?
- How well are you able to express yourself; how strong are your communication skills?
- How does your overall behaviour come across?
- Are you a good fit for the company, institution or team?
→ **Tips: What to do after the interview**

→ Recap the interview in your mind. How did it go? Were there any unexpected questions? What went well; what could you do better next time?

→ Use your wit and intuition to assess the big picture: On the whole, did you feel comfortable? Did your potential superiors and staff colleagues seem likable? Did the described position match the expectations raised by the job ad? What is your gut telling you: Would you accept an offer?

→ Follow up on the next day by emailing some brief feedback to your contact person. Thank them again for the interview. If you still wish to pursue this job, reiterate your interest and let them know that you look forward to hearing from them again soon.

→ If you have not heard from the company by the agreed date, get in touch with your contact person.

→ If you get a job offer, you can ask for a day or two to consider it if you need this time or have questions that you want to clarify. Use this time to discuss and clear up any doubts with a company representative before accepting the offer.
Starting salaries

Differences by industry, company and position
The amount of your starting salary depends on the industry, the size of the company and your position. There are also strong regional differences within Switzerland.

When you consider a salary offer, you need to look at the whole package. The total compensation can roughly be divided into the following components:

- Base pay (annual salary, paid out in 12 or 13 instalments)
- Performance bonus
- Fringe benefits (non exhaustive):
  - Pension fund contributions
  - Paid vacation days
  - Public transportation allowance (e.g. half-fare travel card)
  - Discount on products

→ Example A

<table>
<thead>
<tr>
<th>CHF 70,000 annual salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ 25 vacation days</td>
</tr>
<tr>
<td>+ discount on company products</td>
</tr>
<tr>
<td>+ discount in the company cafeteria</td>
</tr>
<tr>
<td>+ employer pension contribution above the legal minimum</td>
</tr>
<tr>
<td>+ overtime compensation</td>
</tr>
<tr>
<td>+ further education</td>
</tr>
<tr>
<td>≈ CHF 95,000</td>
</tr>
</tbody>
</table>

→ Example B

<table>
<thead>
<tr>
<th>CHF 82,000 annual salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ 20 vacation days</td>
</tr>
<tr>
<td>+ minimum employer pension contribution mandated by law</td>
</tr>
<tr>
<td>+ discount on company products</td>
</tr>
<tr>
<td>+ no overtime compensation</td>
</tr>
<tr>
<td>≈ CHF 85,000</td>
</tr>
</tbody>
</table>
There are all kinds of statistics about starting salaries to be had, but these should serve merely as indicators. You can find them on the ETH website (Studies/Bachelor/Advice/Comparing degree programs), at Swissengineering, Swiss ICT and so on.

Compensation is just one of many criteria when choosing an employer. The tasks, team, company culture, development opportunities and further education programs are other important aspects to consider when you make your decision. And what matters most to you is very much a personal thing.
Alternative selection procedures
Tests and assessment centers

Before you are invited to a face-to-face meeting or an initial phone interview, you may be asked to take one or more online tests as part of a preselection process. There are many different types of tests that companies use to suit their purposes and the position to be filled. Some gauge personality, cultural fit, performance, or numerical and verbal skills; others test candidates using case studies. There are many online platforms where you can try out these tests. It pays to take some practice tests — then you can step up to a real test situation with the peace of mind that comes with knowing what to expect. Keep it authentic when taking personality tests; do not answer questions the way you think the company expects you to. It is hard to stay consistent if you do this in a test, and the skewed results are of no use to anyone. Stay calm and focused in performance tests. They often leave you little or no time to answer all the questions to see if your concentration slips under pressure.

Some firms use assessment centers to find potential employees. Companies that go down this route to select employees want to get a big-picture look at their applicants. They are interested not only in technical qualifications, but also in learning more about candidates’ personalities.

Large firms especially use assessment centers to recruit young talent. This intensive recruiting method has the advantage that it serves to assess several candidates simultaneously (group assessments as opposed to individual assessments) as they interact with one another. A team of HR officers and line managers monitor the candidates for a day or two, observing how they present themselves, communicate, behave in teams, and tackle problems. This situation puts applicants under time pressure and constant observation to test their endurance and ability to cope with stress and frustration.
Assessment criteria
Assessment centers serve the sole purpose of evaluating candidates. To this end, they often assess the following key competencies:

- Analytical and strategic thinking
- Problem solving
- Planning and organising
- Initiative and decision making
- Teamwork and cooperation
- Communicating and presenting
- Flexibility and resilience

Try to sell yourself well without exaggerating and be as natural as you can.

Tips: Preparing assessments using online resources
Here are some examples of online platforms where you can view and practice taking various tests or find more information:

→ Case studies
  www.preplounge.com
  https://graduateconsultingclub.org/

→ Assessment centers

→ Other types of tests
  https://practicereasoningtests.com/
Structure of assessment centers
Assessment centers may incorporate the following components:

- Presentation
- Group discussion
- Case study
- In-tray exercise
- Conversation with a client or an employee
- Interview or case interview

Assessment centers vary from company to company and may include other components such as personality, ability and concentration tests.

Presentation
The company wants to test your communication skills with this exercise. You receive a topic and some time to prepare, after which you have to present something on the topic. Often you are given a standpoint and have to argue persuasively in favour of it.

Here is how to make your presentation a success:

- Take a differentiated approach to your topic and structure your arguments logically.
- Try to present your thoughts in a lively, entertaining manner, and smile while speaking.
- Maintain eye contact with your audience.
- If you suddenly draw a blank, pause to think of something constructive to say rather than “um-ing” and “er-ing”.
- Use your time wisely.
Group discussion
A group discussion can address a global topic (e.g. “Smoking ban in the workplace”, “Pros and cons of phasing out nuclear energy”) or a specific business problem that needs to be solved. Participants are at times assigned specific roles.

In a group discussion, it is best to:

- Look at the person who is speaking
- Stay attentive
- Respond in a calm, level-headed way
- Be enthusiastic
- Speak slowly and clearly
- Argue rationally and do not get emotional
- Show that you are eager to promote harmony in the discussion group
- Take others’ arguments seriously and expand on them constructively
- Keep your arguments balanced
- Show that you understand others’ viewpoints before expressing your opinion
- Admit mistakes in your thinking: “that’s right; I didn’t think of that”
- Try not to come across as a know-it-all who has an answer for everything
- Throw your opinions into the ring for discussion: “I’d like to know what you think of this”
Case studies
Case studies test your analytical, logical and organizational skills. They are often interactive, but may also be an individual assignment. They usually deal with a complex problem involving one of the company’s fields of activity. The object is to analyse the problem and develop potential solutions within the allotted time. The object of a case study is not to find the “right solution” in a given scenario; it is to develop approaches to solving problems that demonstrate your ability to employ various skills in completing the assignment. This evaluation also looks at your ability to concentrate, analyse and quickly grasp complex situations, and work under pressure. Group assignments serve to assess you as a team player.

When tackling a case study, methodically analyse the task, carefully read and understand the assignment, put the information in order, and take all aspects into account. If it involves direct interaction, always share your train of thought with your interview partners. In group exercises, it is best to map out your path with documentation; evaluators can then see clearly how you arrived at your solution.

Tips: Case studies

- Take notes.
- Do not make assumptions.
- Ask questions.
- Listen carefully to the answers.
- Maintain eye contact.
- Think out loud.
- Map out your approach clearly and logically. Use frameworks and concepts to structure your solution when it is beneficial to do so.
- Briefly summarize your results.
- Take your time.
**In-tray exercise**

The point of this exercise is to allow the observers to assess your ability to work under time pressure and prioritize tasks. You are given a pile of documents to review and make decisions about. The challenge is to determine the order in which you would process the documents and to explain your priorities. Time pressure figures prominently in this exercise. You need to see the big picture and get the priorities straight – important and urgent matters come first.

The following decision-making matrix can be helpful for this exercise:
Conversation with a client or an employee (role play)
The idea behind role play is to put yourself in the position of an HR manager, a CEO, your superior or a team leader. You will have 5 to 15 minutes to prepare, after which you will act out a typical conflict situation with a company representative. You may have to fire, reprimand or otherwise criticize for a lack of motivation or the like. The pointers given for group discussions in the previous section also apply to role plays.

Interview
The assessment center interview is usually much like a “normal” interview (see the chapter entitled Application → Interview). But it could also be a stress interview and may focus on addressing a weakness or on posing provocative questions, e.g.:

- What speaks against our hiring you?
- What goals have you yet to attain in your (professional) life despite having resolved to achieve them?
- What is your greatest failure or disappointment, and what lesson did you learn from it?
- How do you define the terms “leadership”, “responsibility”, and “performance”?
- There seems be no common thread running through your CV!

Do not let the questions in stress interviews throw you; just try to argue matter-of-factly. Bear in mind that your interviewer is pushing your buttons not to make a fool of you, but to see how well you stand up under pressure.
### Tips: Assessment center

- Show up at the assessment center well-rested and comfortably but appropriately attired.
- Always be authentic; never put on an act for the observers.
- Make an effort to introduce yourself to the other participants before the exercises start.
- Stay open, friendly and alert.
- Tackle all assignments with a total focus and whole-hearted effort.
- Never allow yourself to be provoked; always respond in a businesslike, matter-of-fact way.
- There will be no feedback given during the assessment, but do not let that bother you.
- Let others finish speaking and maintain eye contact during discussions and team assignments.
- Bear in mind that you might also be observed during breaks and meals. Steer clear of complicated issues and politics when you are making small talk and keep it innocuous during discussions.

### Summary

The actual application is the final step in this process. This is where all your efforts to analyse, explore and focus come together. First you need to know your skills, weaknesses and professional and personal interests and values; only then can you put together a purposeful application and prepare well for an interview.

Do not be discouraged by a rejection or a lack of response. You learn something new with each application, and success will soon follow with patience and proper preparation.
→ **Tips: Application**

→ Know the value of your application documents: They decide if you will be deemed an interesting prospect and afforded the opportunity for an interview.
→ Invest plenty of time and money in preparing your documents – the effort and expense will be worth it, particularly for your photograph.
→ Show up for your interview well-prepared, properly attired and in a composed frame of mind.
→ Take plenty of time to recap the interview and apply what you learned to be even better prepared for other interviews to come.
→ Keep good track of your application process. Retain copies of job ads and set up an Excel file to list all contacts, applications, and the status of applications that are underway.

→ **ETH Career Center offering: Application**

→ CV workshops and checks
→ Interview/video interview training
→ Presentations on applications, CVs, LinkedIn and job interviews

**Information**
www.careercenter.ethz.ch – for students and doctoral students
Closing remarks

If you worked your way through this guide, you are sure to have learned a little more about yourself and your interests and skills. You also know how to gather information about the job market and prospective jobs, and present yourself well in your documents and interviews. We hope that the wealth of tips and pointers in this application guide will ease your transition into working life and get your career off to a great start.

Now it is your turn to get your feet wet, hop on your board, and ride the wind and waves. Even the well-trained surfer needs patience and strength when the weather changes quickly, a wave breaks sooner than expected, or the wind suddenly shifts. The job market is like that – despite the best preparation, some things are simply beyond our control. The economy runs hot and cold, sectors and companies are changing, and new fields of activity are emerging.

It will take a little luck to catch the wave at the right moment, to get that gust of wind in your sails that will send you off on the perfect ride.

We wish you all the luck in the world and every success as you embark on your career. And we are delighted to have helped you set off on your important journey.

Your ETH Career Center Team
All our thanks goes to these four ETH students!
If you haven’t found it yet, keep looking.