



# Internship Energy Management in Building Automation 80-100%

Link: [https://jobs.siemens.com/careers/job?job\\_id=446804](https://jobs.siemens.com/careers/job?job_id=446804)

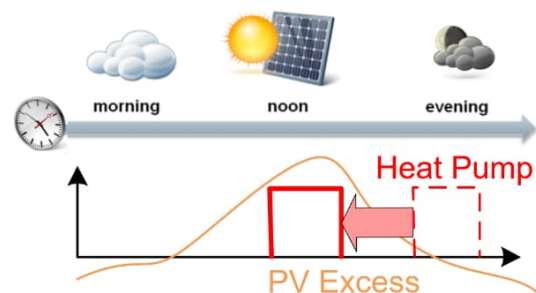
## Together with our customers, we combine the real and digital worlds

Smart infrastructure intelligently connects energy systems, buildings, and industries to evolve and improve the way we live and work. We focus on all types of buildings in a wide variety of markets. Always with the aim of continuously improving infrastructures. We do this regardless of the size of the building, through networked, cloud-based digital offerings and services, as well as through products, components, and systems. From intelligent power grid control, building automation and management systems, fire protection and security solutions to switches, valves, and sensors. Siemens – for the sustainable development of our world of tomorrow. Shape the future with us as part of a global team of around 320,000 employees.

As an intern, you are an important part of #TeamSiemens. Would you also like to play an active role in influencing current trends and developments and make a positive impact on the lives of millions of people in Switzerland? Then you've come to the right place! Apply today for the role of “**Internship Energy Management in Building Automation**”.

## Your new responsibilities

- Support in the development of optimization algorithms required in the context of the energy transition for the management of hot water tanks and batteries (MPC, Rule-based MPC)
- Testing and analysis of algorithms in simulation and on real test buildings
- Further development of our simulation and test environment (control, plant, evaluation)
- Analysis of the potential for improvement and corresponding further developments



## Your talents and experience

- Studies in Electrical Engineering, Mechanical Engineering, MIBS, or MEST
- Good knowledge of MATLAB/Simulink
- Reliable, independent way of working
- Good command of German and/or English
- Start by appointment for at least six months

## Employee benefits

- Opportunity to develop an international professional network
- Gain experience at one of the largest tech employers in Switzerland
- Membership in the Siemens Students Association comprising 200 members