



Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

**D-MAVT**  
**Institute of Energy and Process Engineering**  
**Reliability and Risk Engineering Lab RRE**

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Zurich, June 2023

## STUDENT ASSISTANTS

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Start: to be decided  
Deliverable(s): to be decided  
Supervisor(s): to be decided

Title: Student assistants to help with various task at the RRE

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## BACKGROUND

The Reliability and Risk Engineering (RRE) group aims to identify and mitigate systemic risks in interdependent critical infrastructure networks by quantitatively defining reliability, resilience and risk within these systems. We focus on engineered complex systems such as energy, communication and transport networks, which provide crucial services to our society. With our modeling, we strive to inform policy makers in the transition to resilient, fair and sustainable energy and critical infrastructure systems.

## PROJECT DESCRIPTION

To support our model development efforts we need Student assistants to help our researchers in variety of tasks. These tasks include data gathering, data preprocessing, data labeling, image processing, literature review, model testing, and others.

The selected students will be employed for up to 15 hours per week. More information about ETH employment on an hourly wage can be found [here](#).

## STUDENT QUALIFICATIONS

We are looking for talented students that are able to perform complex tasks independently and motivated to deliver trustworthy results with high quality. Basic knowledge from data analyses and coding is beneficial.

## CONTACT

To express your interest in the position, send your CV and transcripts to any of the contacts below:

Laya Das ([laydas@ethz.ch](mailto:laydas@ethz.ch))

Blazhe Gjorgiev ([gblazhe@ethz.ch](mailto:gblazhe@ethz.ch))