

# Join Space Team Aachen

ad astra ex aachen

## Electrical Power System Engineer

AQUIS – Pocketcube Satellite Team

### About Space Team Aachen

Space Team Aachen is the association for aerospace enthusiastic students from FH and RWTH Aachen. Together we bring space technology to Aachen. For this we have various projects such as annual rocket competitions, the IMFEX project and other exciting projects.

For this purpose we cooperate with institutes of the RWTH, FH and the aerospace industry, as well as well-known aerospace companies.

### Your responsibilities

You will work on advancing Space Team Aachen's pocketcube satellite project by designing the electrical power system of our next prototype. In order to achieve this you will either work on enhancing the existing design of the previous iteration or come up with a completely new design! Your tasks will include, but are not limited to:

- Calculating the power budget and performing electrical load analysis
- Definition and implementation of technical requirements
- Hard- and Software design, PCB layouting, choosing components (Battery, solar cells, regulators, etc.)
- Diving deep into learning about pocketcubes

### Our requirements

- Student at RWTH or FH Aachen (Electrical engineering preferred)
- Basic knowledge of electrical power systems and PCB design is a plus
- High motivation
- Ability to take responsibility and work independent
- Preferably: Fluent in English and German

### What do we offer

- Build your own satellite!
- Involvement in exciting projects in an innovative and disruptive industry
- Become part of a fast growing student association
- Interdisciplinary teamwork in a highly motivated team
- Apply your theoretical knowledge in practice

### Interested?

Send your CV and a motivational letter to [spaceteamaachen@gmail.com](mailto:spaceteamaachen@gmail.com)

