

Join Space Team Aachen

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Mission Analyst

Pocketcube Satellite Team – Project AQUIS

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

Until now our pocketcube project focused on proving feasibility of designing capable Hard- and Software. As we finish work on our first prototype, we are now confident in our ability to do so. Now we want to take the next step in advancing the project. In order to work towards an actual launch campaign we must perform all steps of a real space mission. Your tasks will include but are not limited to:

- Extensive analysis of existing pocketcubes, their missions and orbital parameters
- Help define our exact mission requirements and objectives and the regulatory constraints
- Define possible orbital parameters and space debris mitigation strategy with the help of GMAT, DRAMA (or similar) software

Our requirements

- Student at RWTH or FH Aachen
- Ability to take responsibility and work independently
- Must be able to dedicate time to the project on a regular basis
- Preferably: Knowledge of orbital and spaceflight mechanics
- Preferably: Fluent in English and German

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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

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