

Join Space Team Aachen

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Avionics - Software Engineer

Project ASTRID

About Space Team Aachen

The Space Team Aachen is a space science association founded by students of the Aachen universities. Our team is formed of ambitious students from a variety of fields who share the fascination for space exploration. Our team designs, builds and flies experimental rockets and scientific experiments. We set high, challenging goals in order to reach our best performance. We believe in equality and stand for the exchange of our aggregated knowledge.

Your responsibilities

As part of the ASTRID team you will be designing and flying Space Team Aachen's next competition rocket with which we aim to compete in the 3 km SRAD hybrid propulsion category of the European Rocketry Challenge in 2026.

As an Avionics Software Engineer, you will be responsible for the development of all onboard software, including:

- Developing an onboard flight computer software based on an existing Avionics system, including tests and post flight evaluation
- Developing software for an engine monitoring and ignition board
- Planning interfaces for communication to the Ground Support Equipment

Our requirements

- Programming experience; Preferably embedded, C/C++
- Problem solving skills
- High motivation / interest in rocketry
- Willingness to work in a team
- Reliability and Responsibility
- Fluent in English or German

What do we offer

- Be a part of a team of an association with over 100 members and some of the largest aerospace projects in Aachen
- Interdisciplinary teamwork in a highly motivated team
- Apply your theoretical knowledge in a real-world project
- Get in touch with like-minded people
- Participate in the biggest rocketry competition in Europe and have fun!

Interested ?

Send your application to

application@sta.rwth-aachen.de

