



Space Team Aachen

Robotics Engineer

Space Team Aachen Hybrid Rocket – “STAHR”

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

You will be working on Aachen’s first hybrid rocket aiming to reach 10 km in altitude as part of the DLR STERN program.

As part of the Mechanical Systems team you will be working on the launch tower of the rocket. You will be designing the pneumatically driven robotic arms for the fueling and electrical connections. As this task is interdisciplinary you will also work closely with the propulsion and electronics teams. Your tasks will include:

- Designing the structure of the robotic arms
- Research and choice of suitable pneumatic components
- Programming the movement of the arms to ensure smooth operation
- Building and testing your system

Project begins: Immediately

Our requirements

- Student at RWTH or FH Aachen
- Understanding of mechanical design, experience in CAD and computer programming
- High motivation & reliability
- Ability to take responsibility and structured way of working
- Fascination for rocket science
- Able to work in a team of students
- Knowledge of English and German

What do we offer

- Be a part of the technical team for the largest rocket project in Aachen
- Receive technical insights into various aspects of rocket development
- Work on a hands-on space project
- Have autonomy in responsibility
- Contact with experts in Aachen, DLR and industry
- See your project be built and launched in near future

Interested?

Send in your CV and a motivation letter to spaceteamaachen@gmail.com

