

Join Space Team Aachen

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Aerodynamic Engineer

Innovations Team

About Space Team Aachen

The Space Team Aachen is a space science association founded by students of the RWTH Aachen. 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 for the aerodynamic simulations team of the ALPHA rocket, which uses thrust vector control to stabilize and navigate the rocket. Therefore your tasks will include:

- Simulate the airflow around the rocket
- Calculate the lift and drag coefficients in different flight configurations
- Build mathematical models, which calculate the aerodynamic forces in a given flight orientation
- Aerodynamic optimization of the rocket structure

Our requirements

- Student at RWTH or FH Aachen
- Experience in ANSYS Fluent is a must
- Experience in TAU/other CFD software is a plus
- High motivation
- Ability to take responsibility and work independent
- Preferably: Fluent in English and German

What do we offer

- 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

