

### **Description**

Our student initiative is based at ETH Zürich (Hönggerberg) and inspires students across Switzerland in hands-on space engineering challenges through collaboration with academia and industry.

Our rocket project goes into the 3<sup>rd</sup> round: Following project HEIDI, ARIS participates at the Spaceport America Cup (SPAC) 2020 in New Mexico. For this, an interdisciplinary core team of 15-20 students is formed that designs, builds and competes at the Cup!

As **safety officer** your main responsibility is to ensure a safe and reliable working environment. Tasks include:

- Review test procedures
- Maintain a critical view
- Identify and mitigate risks
- Push the team to maintain safety standards
- Write safety procedures
- Attend and monitor tests
- Work together with the whole rocket team and other ARIS teams

### **Expectations**

From each our team members we expect:

- We expect you to spend 2-3 days a week on the project and be able to join team meetings and workshops in Zurich
- Be proactive and able to take responsibility
- Act responsible, accurate and critical
- Be and operate organized and structured
- Fail, get up and learn from it
- Have a flair to interact and communicate with an interdisciplinary team
- You don't have to be a specialist yet but you are willing to become one!

### **What do you get?**

By participating in this unique challenge you will:

- Learn more about testing and its importance for a successful project
- Participate in almost private workshops with risk and safety experts from industry
- Learn to understand the complex system of a rocket and become a better engineer
- Take initiative outside of the class room and gain hands-on experience
- Establish and grow your network in industry and academia
- Be part of a friendly community, grow as a unit and build life-long friendships with people of diverse and fascinating backgrounds
- Kick start your career!

**Start Date:** August 2019, start with insight from HEIDI now

**Duration:** Minimum 2 semester

**Working hours:** 3-4 days/week

### **Any questions? Get in touch.**

We look forward to hearing from you! Please submit a complete application, including CV. If you have any questions, please reach us on [contact@aris-space.ch](mailto:contact@aris-space.ch)