

Understanding the Challenge of Automated CubeSat Testing

Code: 20/20

Company: Responsive Access Limited

Location: Royal Observatory Edinburgh

Company Description:

Responsive Access aim to simplify access to space, building software to simplify CubeSat launch and mission management to allow new actors to take advantage of this new area of opportunity. The company is working to become a software enabled aggregator of secondary payloads. The company is incubated by the ESA BIC programme and is based at the Higgs Centre for Innovation in Edinburgh.

Project Description:

The intern will investigate the potential for automated test reporting through the Responsive Access platform, they will be expected to:

- Gather requirements (commercial, user and technical)
- Assess concept viability
- Propose an initial design (MVP) for the system
- Develop a proof of concept if the concept is viable.
- Propose future avenues for the future concept

Full mentoring will be provided through the course of the internship.

Applicant Specification:

- Background in Mechanical Engineering, Computer Science, Data Science or Informatics
- Final Year Bachelors or Masters student

Minimum Requirements:

- Good communication skills
- Interest in Space
- Microsoft Office

Preferred Additional Requirements:

- Programming Experience
- Experience in Requirements Engineering and Systems Design
- This internship will progress to a full-time position for the right candidate

Further details:

8 weeks minimum fixed term contract to be agreed with successful candidate but nominally with a start date around 15 June 2020 to attend the SPIN Induction day at the Satellite Applications Catapult, and completion before 20 September for the Showcase the following week. Salary is £1,435 per calendar month gross.

Closing Date for Applications: 5pm Tuesday 14 April

Applications should be made through the online form attaching a CV, before the closing date. Please note that elements of the form left incomplete will be deemed to render the application ineligible. They will be checked for eligibility and forwarded to the employer.