

Project 18/46: Mechanical Engineering Support for Space Deployable Antennas

Company: Oxford Space Systems

Supervisor: Vincent Fraux

Location: Harwell Space Cluster, Oxfordshire, OX11 0QR

Company Description: Oxford Space Systems (OSS), one of the UK's emerging stars of the new space age is looking to recruit a talented and commercially aware intern, based in the UK, to work on an exciting project using a new material invented by OSS. OSS is a multi-award winning, venture capital backed early stage space technology business that is pioneering the development of a new generation of deployable structures for the global space industry. You can find more information on our company here: www.oxford.space

Project Description: The intern will work closely with the Mechanical design team on various project involving deployable antennas for space application. The primary tasks will be to design parts of the systems using SolidWorks, create manufacturing drawings, do calculations to support the design for loads, gear train, motor torque, spring force, etc.

Applicant Specification: Experience in CAD design, manufacturing drawings, complex excel spreadsheet and space hardware testing is desirable. The student is not expected to have all the answers! OSS has a number of friendly experts on hand to ensure the success of the project that is very important to the company.

Minimum Requirements: The intern is expected to have or be working towards degree in Mechanical, Aerospace or Space engineering.

Further details:

Work period and internship start date to be agreed with successful candidate but ideally OSS would like the student to be with them for 12 months. Salary commensurate with National Minimum Wage

Closing Date for Applications: 5pm, Wednesday 13 June, 2018.

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.

Apply here: <https://sa.catapult.org.uk/people/space-placements-industry-spin/>