

Market research of novel satellite remote sensing.

Code: 20/26

Company: Space Talos LTD

Location: 35 Kingsland Road, Hackney, London E2 8AA

Company Description:

Space Talos is a deep tech startup that provides a practical active shielding solution for protecting satellite systems against space radiation. The company has filed the UK and an international patent has built two working prototypes and tested them in a plasma beam facility. It has raised private investment since March 2020 and received a stage one contract with DSTL (part of MOD).

The team boasts high calibre scientists and engineers in its roster, with expertise spanning from magnetics and plasma physics to computational mechanics, composite material and control system design engineering.

Space Talos aspires to create commercial-friendly solutions for clients who operate their satellites in harsh environments of space.

Project Description:

We are currently evaluating the feasibility of a novel satellite sensor from an engineering and physics perspective. Potential applications will need to do market research to gauge business opportunities which will require some understanding of physics.

Academic:

For this project an economics or aerospace/physics background is essential. Applications from an MSc or BSc with some experience in market research or ionised particles spectroscopy (e.g. Rutherford backscattering spectrometry and scanning electron microscope) will be considered more favourably.

Minimum requirements:

- Proven ability in understanding basic physics.
- Confident in reading technical and scientific reports.
- Attention to details.
- Confidence in writing reports.

Desirable requirements:

- Understanding of the space industry.
- Understanding of market research practices.

Further details:

8 weeks minimum fixed term contract to be agreed with successful candidate but nominally with a start date around 17 June 2020 to attend the virtual Welcome Event and completion before 20 September for the Showcase the following week. Salary is £1,250 per calendar month gross.

Closing Date for Applications: 5pm Tuesday 9 June 2020

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.