Project: 18/10 Cinematic Animation for Engineering Visualisation, Rapid EO Prototyping and Client Visualisation

Company: Alba Orbital

Supervisor: Andrew Douglas Paliwoda

Location: Glasgow, United Kingdom

Company Description:
Traditionally satellites have been very expensive, even the smallest commercial satellites like Cubesats cost six-figure amounts to build and launch. Alba Orbital develop PocketQube satellites which weigh <1kg, and cost significantly less. While, offering almost all of the advantages of a CubeSat.

AlbaOrbital aims to 'democratise' space, allowing affordable access to anyone. They are currently working on 2 platforms - Unicorn-1 and Unicorn-2.

AlbaOrbital also provide technical support and parts for those launching, designing and building picoSatellites.

Project Description:
This project will produce high quality cinematic animations for the purposes for agile satellite prototyping, allowing Alba Orbital to increase the efficiency of systems engineering by allowing engineers to visualise the satellite faster and allowing engineers to conceptualise problems in a better way. High quality cinematic renders will help Alba Orbital develop EO payloads. These cinematic engineering videos will also be used for client visualisation.

Applicant Specification:
Degree Educated
Experience of delivering cinematic videos
Experience working in a group environment
Strong communication skills
Motivated

Minimum Requirements:
Background in Computing/Computer Science (postgraduate desired)

Interest in VR and experience in implementing VR systems

Experience working with STP CAD files

Preferred Additional Requirements:
Computer Graphics/VFX Degree (postgraduate desired)

Further details: for further details contact andrew.paliwoda@albaorbital.com

8 weeks minimum fixed term contract to be agreed with successful candidate but nominally with a start date on or before 7 March, 2018. Salary is £2,500 for the 8 week period.

Closing Date for Applications: 15th February, 2018 or before if an appropriate candidate is identified

Applications will be through the online form attaching a CV, before the closing date. They will be checked for eligibility and forwarded to the employer.