



Grade :	Graduate Associate
Salary :	£ 21-24,000
Term :	1 year fixed (80% to 100% FTE), with view to make permanent
Role :	Space Software Engineer
Description :	Craft Prospect is looking for a graduate software engineer with a basis in software engineering practice, experience in Python and C languages, and knowledge of, or interest in, embedded systems and machine learning algorithm development. You will work with an interdisciplinary team of engineers to support software developments for our varied portfolio of space projects, in areas including quantum-secured telecommunications and development of autonomous satellites, for both R&D and commercial projects. In time, we would look for you to take the lead in delivering smaller software driven projects and helping to shape the growing software development needs of the business and our clients.
Responsibilities :	Coding in a variety of languages, predominantly Python/C Software development against recognised standard practices Support design of software components for enabling autonomy Development of unit tests and system test harnesses
Requirements :	Able to work in the UK from 1 st November 2020 (or up to January 2021) Python programming experience Able to show clear understanding of coding practices for critical systems Demonstrated delivery of a project against specifications Able to show leadership potential and responsibility for delivery Able to communicate effectively Desire to work in SME environment and positively contribute to culture
Preferred :	C/C++ programming experience Knowledge or interest in the small satellite industry Understanding of embedded systems such as FPGAs and GPUs
Line Manager :	TBC
About us :	Craft Prospect is a young engineer-led company in its fourth year having consistently grown in revenue and headcount. We work on projects for

commercial customers and space agencies, as well as cutting edge R&D. We wish to develop our employees to become stakeholders within the organisation, able to work within a team, leading projects and developing future space mission concepts to make a positive impact. Our diverse and international team includes former leads of national space missions, experienced industry principals, and designers of Mars rovers. We work with a number of partner companies and universities to deliver effective solutions, based in the historical Fairfield Shipyard offices in Glasgow.

See more at: www.craftprospect.com.

Benefits : 4 day week option at 80% FTE (Tu-Fr minimum), up to 16% pension (matched salary sacrifice), wellbeing and personal development budget, training.

As a graduate engineer we will support you to gain proficiency in developing your applied skills and delivery of projects in the space domain. We will work with you to support your ongoing career aspirations and help you find a fulfilling long-term role.

Location : Glasgow, UK

Note: although COVID means some of the work may be performed remotely, it is highly likely work within the company office will be required from the outset given the hands-on nature of the role.

Applicants : Applicants should email a cover letter and CV to hello@craftprospect.com, using reference 20-01027.

Closing date : An initial closing date of 16th October 2020, however this may vary dependent on the applicants, and may close early.