



<b>Grade :</b>	Senior Associate
<b>Salary :</b>	IRO £ 27-30,000 dependent on experience
<b>Term :</b>	2 year fixed (80% to 100% FTE), with view to make permanent
<b>Role :</b>	Embedded Systems Engineer
<b>Description :</b>	Craft Prospect is looking for an embedded engineer with knowledge of FPGA and AI systems to work in realising our computing requirements on current and future projects. You will work with engineers at the company in support of our varied portfolio of projects including highly secure quantum communications, and development of more autonomous smart satellites, together with commercially driven work. As a small team you will be expected to ensure that any gaps in the development process are identified and take action to fill them.
<b>Responsibilities :</b>	<ul style="list-style-type: none"><li>Lead in onboarding of AI approaches into small satellite systems</li><li>Support design of computing systems for space applications</li><li>Development of embedded systems for quantum payload</li><li>Engage with customers to understand needs and solutions</li><li>Oversee or perform functional testing of embedded systems</li><li>Support company development of complex mission payloads</li></ul>
<b>Requirements :</b>	<ul style="list-style-type: none"><li>Able to work in the UK from 1<sup>st</sup> November 2020 or sooner</li><li>Proven ability to code C/Python to industry standards</li><li>Deep understanding of AI in embedded systems</li><li>Able to show leadership potential and responsibility for delivery</li><li>Able to work within team and as interface to customers</li><li>Strong communication skills</li><li>Understanding of FPGA and GPU based computer systems</li><li>Desire to work in SME environment and positively contribute to culture</li></ul>
<b>Preferred :</b>	<ul style="list-style-type: none"><li>Demonstrated experience of hands-on small satellite development</li><li>Understanding of space software development standards</li><li>Familiarity with Xilinx SDSoC and MPSoC tool chains</li></ul>

**Line Manager :** Responsive Operations Lead

**About us :** Craft Prospect is a young engineer-led company in its fourth year having consistently doubled turnover and headcount, picking up a number of awards and recognitions along the way. We work on projects for commercial customers and space agencies, as well as cutting edge R&D. We want 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 team includes former leads of national space missions, experienced industry professionals, and designers of Mars rovers. You will be given the opportunity to support the ongoing development of the company, while we work with you to support your career aspirations.

See more at: [www.craftprospect.com](http://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

**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 [recruitment@craftprospect.com](mailto:recruitment@craftprospect.com), using reference 20-01024.

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