



Role :	Embedded Systems Engineer
Salary :	IRO £24-36,000 dependent on experience
Term :	2 year fixed with view to make permanent
Start Date :	6 th September 2021 or earlier
Description :	<p>Craft Prospect is looking to expand its team. We are looking for a passionate embedded systems engineer to support us to realise space projects from concept to delivery. The initial focus of work will be working on the hands-on delivery of embedded systems for a quantum optical communication payload and related ground systems for our own small satellite quantum communication mission and related products. We will look to you to work within a multidisciplinary team bringing embedded systems expertise to the project group.</p> <p><i>The company seeks to develop a diverse and inclusive team, and encourages applications from all backgrounds. In recognition that different groups may respond to job specifications differently and that our developing talent pool can come from all quarters, we seek to minimise the number of prerequisites in any role and rather recruit for attitude, and ability to positively contribute to our small but growing team and our work.</i></p>
Prerequisites :	<p>Experience with embedded systems and FPGAs for signal processing</p> <p>Understanding of the full embedded system of soft/firm/hardware</p>
Responsibilities :	<p>Lead in onboarding into small satellite computing systems</p> <p>Support design of computing systems for space applications</p> <p>Development of embedded systems for quantum payload</p>
Preferred :	<p>Proven ability to code C/Python to industry standards</p> <p>Proven ability to develop VHDL or other high level firmware</p> <p>Knowledge of design for space</p> <p>Experience with Xilinx FPGAs and SOCs</p> <p>Experience developing across embedded products</p> <p>Knowledge of CubeSat or small satellite systems</p> <p>Ability and initiative to work autonomously</p> <p>Strong communication skills</p>

Desire to work in SME environment and positively contribute to culture

About us :

Craft Prospect is a young engineer-led company in its fifth year having consistently doubled turnover and headcount every year, picking up a number of awards and recognitions along the way. We are looking for those 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. We want to develop our employees to become stakeholders within the organisation through employee ownership.

You will be given the opportunity to support the ongoing development of the company through other activities such as outreach, business development, marketing and input into company culture. We will work with you to support your ongoing career aspirations and help you discover a long-term role within the company.

Expected Grade :

Associate | Senior Associate

(2-5 years+ industry experience anticipated)

We would additionally encourage equivalent applications from graduates with hands-on experience developing embedded solutions for FPGAs, or those with design principal engineering experience across embedded and electronics engineering interesting in mentoring and transferring skills

Benefits :

4 day week option at 80% FTE (Tu-Fr)

Up to 16% pension (matched salary sacrifice)

Wellbeing and personal development budget

Tailored training both internal and external

Yearly team strategy and away days

Employee share ownership scheme

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, using reference 21-01037.

Closing date :

An initial closing date of 2nd August 2021 is planned, however this may vary depending on the applicants and go live dates, so our recommendation would be to apply early.