BLUEBEAR

Job Title:	**Embedded Programmer**
Tasked by:	**Software Engineering Manager**
Reports to:	**CEO**

Blue Bear are seeking a senior embedded programmer to support product development and R&D activities within a leading autonomy and unmanned systems company. Blue Bear continuously innovate within core areas such as UAV autopilots, mission systems, ground control stations, and all supporting systems and infrastructure.

Ideally 5+ years' embedded programming experience.

You are comfortable working within a team and in a multidisciplinary environment and have good communication skills. You are also to demonstrate systems engineering experience, technical competency in high level languages, a can-do attitude and a genuine passion for innovative technology.

Scope:
- Primarily, your role will be to design, develop and test software systems to support both experimental activities and product development. Specifically this will include the harmonisation of real time avionics databases used both on-board and off-board aircraft.
- You will be responsible for delivery, reporting and presentation of technical work and writing and submitting any necessary documentation.
- General tasks related to business delivery (e.g. contributions to experimental procedures).

The above is not an exhaustive list of duties. You will be expected to perform different tasks as necessitated by your evolving role within the company and the overall business objectives of the company. The successful candidate will be required to be security cleared to SC.

Skill sets required:

C, C++, Regression testing, Performance and timing testing

OpenEmbedded, FreeRTOS, CANBUS, Ethernet, Serial (RS232, RS422/485), IMX7, K66 MCU

Desirable Skills:

PostgreSQL, Geographic Information Systems (GIS), Hibernate, GUI, Service orientated architectures, Agile methods (Scrum or similar)

Process:

Phone interview, Testing, Face to Face Interview, Appointment.

Employee Benefits

Benefits include 25 days holiday plus 8 UK bank holidays, 37 hour working week, a Work Place Pension Plan, Employee Assistance Programme, Bike to Work & Childcare Voucher Schemes.

Company Description

Blue Bear is a pioneer in Autonomy and Unmanned Systems. We are renowned for innovation in the delivery of technical solutions in this domain, with strong collaboration with Aerospace and Defence Primes, SMEs and Academia. As an agile SME, rapid technology integration and maturation of 'best of breed' UK technology is a mantra within the company. Over the last year, rapid read across all of

our Unmanned Air Systems solutions to the Maritime and Energy domains with our partners are a testament to this key principle.