

### **Embedded Software Developer**

Full time, 37.5 hours per week

Location: Hanoi, Vietnam

Report to: Head of Technology and Innovation

Blacksheep is a fast-growing science and technology company – a great place to develop your career in Vietnam. Focusing on Productizing Science®, the company designs, develops and manufactures truly innovative, premium quality scientific products. Our projects in Vietnam range from high power electric motorbikes to medical machines, and our products are used for many scientific and commercial applications including biology, chemistry, biotech research, material sciences and scientific discovery and all need to follow ISO standards appropriate for the resulting products.

Our objective is the intention of pioneering the development of Vietnamese designed, developed, manufactured and marketed cutting edge products with world leading performance and quality to be sold in global markets. We are looking for high energetics, woman/man engineers to join us to drive Vietnamese products to the world.

We are looking for a capable embedded engineer to work in the Technology and Innovation team. The project in offer works with medical devices. As such, we would like you to define the code, the interrupt handler, the protocol, everything that is required to make our device do what it should.

#### **Duties will include but are not limited to:**

- Specifying, designing, implementing, releasing, and supporting embedded software products for R&D software development department.
- Participating in embedded design projects from concept to production.
- Developing utilities, using C/C++, scripting in support of the embedded system development process.
- Debugging firmware to ensure it functions properly
- Evaluating performance and troubleshooting as needed
- Keeping abreast of technological developments and industry best practices
- Working closely with project teams based internationally to ensure projects delivered on target
- Monitoring project progress
- Other duties as assigned.

#### **Required skills and capabilities:**

- Bachelor of Electrical Engineering, Computer Science, or related field
- Experience in Embedded C
- Knowledge of RTOS and system concepts.
- Experience in communication protocol (UART, I2C, SPI, CAN, RS485, etc)
- Experience with Arm Cortex and/or PIC microcontrollers, peripherals
- Strong collaborator, able to excel in a dynamic, fast-paced environment
- Working proficiency in English in all four skills
- Priority of agility to learn new rather than deep existing experience, with ability to demonstrate this in some way

**Previous useful experience:**

**Any of mentioned skilled with firmware development as priority.**

- Experience with higher level programming language, such as Python.
- Experience with connectivity stacks such as Bluetooth, WiFi, Ethernet.
- Experience with storage solutions, block device drivers and file system.
- Understanding of development methodologies and project management

**Benefit:**

- 20 casual leave days/year
- Private health insurance
- Opportunity to work in an international, friendly, creative, and active environment
- Approach to most advanced technology in the world
- Opportunity to collaborate with world leading engineers
- Competitive salary and benefit package

If you would like to apply for this position, please email your covering letter addressing each of the requirement and CV to: **giang.nguyen@blacksheeppower.com** attention to **Ms Giang Nguyen, Operations Director**.

We look forward to hearing from you!

**Blacksheep Vietnam Co.,Ltd**