



BLACKSHEEP VIETNAM CO.,LTD
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Registered in Vietnam: 0108567193

Embedded Software Engineer

Full time, 37.5 hours per week

Location: Hanoi, Vietnam

Blacksheep is a fast-growing international science and technology company – a great place to develop your career in Vietnam. Focusing on development of world leading products for high growth markets, the company designs, develops and manufactures truly innovative products in Vietnam. Our projects in Vietnam range from high power electric motorbikes to medical machines, and our products are used for many scientific 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 highly energetic people to join us to drive Vietnamese engineered products to the world.

We have a great environment within which to learn about cutting edge world leading methods of product and technology development. We have a focus on development of the team and their abilities and focus on people joining the team who want to learn and develop themselves.

Main tasks:

Your role involves embedded software research and development for high-quality, cutting-edge machines that support scientific research and discovery.

Duties includes 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)
- Strong collaborator, able to excel in a dynamic, fast paced environment
- Full professional proficiency in English.

Nice to have, but not required:

- Experience developing on Arm Cortex microcontrollers, peripherals
- Experience developing tests and using continuous integration frameworks, such as Jenkins or Azure Pipeline
- Comfortable with real time control system
- Experience with connectivity stacks such as Bluetooth, WiFi, Ethernet.
- Experience with storage solutions, block device drivers and file-systems.

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

The role is based in Hanoi. You will be rewarded with a very competitive salary, alongside a benefit package.

If you would like to apply for this position, please email your covering letter addressing each of the job requirements and CV to:

admin@blacksheeppower.com the attention of **Ms Giang Nguyen, Operations Director**

We are an equal opportunities employer and we would encourage woman to apply for the engineering job.

We look forward to hearing from you!

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