



BLACKSHEEP VIETNAM CO., LTD

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Registered in Vietnam: 0108567193

Firmware Test Engineer (QA)

Full time position

Location: Hanoi, Vietnam

Report to: Head of Software team

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.

Main tasks:

Your role involves firmware testing throughout the entire project life cycle. You will test the software and hardware that operate scientific instruments.

- Develop automated and manual test to verify quality and specification compliance of firmware and hardware products.
- Collaborate with firmware developers and code architects to identify and validate firmware use cases.
- Write test protocols based on test designs and execute test plans for both software and hardware.
- Carefully analyze and document test results of executed test plans and write test reports
- Operate a variety of instrumentation and simulators to perform integration testing, system testing, and functionality testing
- Anticipate failure modes, creatively test corner cases, and challenge the design for robustness and reliability
- Work in Scrum (Agile) teams within the engineering group, closely coordinating with software and hardware developers, systems engineers, and project managers
- Develop and qualify test fixtures and test tools as needed
- Develop test automation processes and code as needed

Required skills and capabilities:

- Bachelor's degree in engineering or relevant experience
- Hands on testing and debug experience
- Professional proficiency in English.
- Good analytical and problem-solving skills.
- Strong organization skills to manage tasks within the constraints of timelines.
- Excellent communication skills.
- Ability to work efficiently within a team or independently without supervision.
- Willingness to accept challenges and learn new things.

Nice to have, but not required:

- Experience with code versioning, tracking system, and software process framework (Git, Jira, Bitbucket)
- Experience in writing test cases for complex hardware product
- Knowledge of C and a scripting language such as Python
- Ability to use test equipment such as multimeters, oscilloscopes, and logic analyzers

Benefit:

- Opportunity to work in an international, friendly, creative, and active environment.
- Opportunity to approach most advanced technology in the world.

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. We welcome applications from all sections of the community.

We look forward to hearing from you!

Blacksheep Vietnam Co., Ltd.