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NEW **CAREER OPPORTUNITY**

Build your career with Kraken Robotics.
Make a difference to others.

If innovation drives you, and you want a career that makes
a difference to the world, helping humanity overcome the
challenges in our oceans – safely, efficiently, and sustainably
– **then come join us at Kraken Robotics**.

www.krakenrobotics.com

Firmware Engineer

Based at Kraken Robotics Services (Newfoundland, Canada)
Full-Time – Permanent | Job Reference: KRSI-2023-04

ROLES AND RESPONSIBILITIES

- Collaborating with a multi-national team to develop firmware for various Kraken systems

- Specifying, implementing, and documenting new firmware features

- Creating and implementing test plans for firmware related systems

- Maintaining existing Kraken firmware systems

QUALIFICATIONS AND EXPERIENCE

- Electrical/Computer Engineering, Computer Science, or related background

- 1-5 years experience firmware development for commercial products

- Experience developing firmware for microcontrollers using C and C++ with RTOS or bare metal

- Understanding of common embedded interfaces/protocols: I2C, CAN, SPI, UART, etc

- Knowledge of firmware test methodology including writing and executing test plans, debugging, etc.

- Experience with version control systems and platforms

- Hands on experience with debugging digital circuits using tools such as debuggers, oscilloscopes, and logic analyzers

- Ability to read and understand hardware schematics

- Appreciation of other engineering disciplines (mechanical and software)

- Any of the following would be considered an asset:
    - Experience with STM32 family of microcontrollers
    - Experience with different firmware test methodologies, such as unit testing and hardware in loop
    - Experience writing test programs in Python
    - Experience with FreeRTOS

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TO APPLY: Email your latest CV, stating job reference **KRSI-2023-04** to: careers@krakenrobotics.com

Why come work at Kraken Robotics…

Want to apply your skills, knowledge and expertise to push the boundaries of underwater intelligence – which help governments defend and make our oceans safe, or ensure critical offshore energy and communications infrastructure is installed and maintained efficiently? If innovation drives you, and you want a career that makes a difference, helping humanity overcome the challenges in our oceans – safely, efficiently, and sustainably – then come join us at Kraken Robotics.

Kraken Robotics offers a unique career opportunity to work with an internationally recognized leader in ocean technology that is harnessing our world class talent to provide superior subsea solutions for global security, environmental, and scientific challenges. Our highly talented team design and manufacture technology platforms for NATO navies and commercial clients throughout the world and provide acoustic 3D Synthetic Aperture Sonar (SAS) data solutions and imaging in the offshore energy sector with increasing focus on offshore renewables.

Kraken offers an attractive and competitive compensation package designed to reward our team for a job well done. With locations around the world, we support remote working packages and encourage professional and cultural collaborations. Kraken is an equal opportunity employer focused on promoting diversity, equity, and inclusion and we value the diversity of our team that contributes to our company growth and development.

To find out more about Kraken Robotics, and discover other exciting career opportunities, visit our website, or follow us on social media:

https://krakenrobotics.com/about/careers/