



Instrument Concepts (www.InstrumentConcepts.com) is a world-class innovation house that designs and builds high quality sensor systems for technology leaders in the offshore energy and ocean industries.

Embedded Software Engineer - Senior

Instrument Concepts has an opportunity for a seasoned embedded software engineer at our main office in Great Village, Nova Scotia. Come and live in one of the world's prettiest places and join a close-knit team of design experts who are tackling real-world technical problems.

About the Role

Our innovation team consists of experts in hardware, firmware and software. As our lead engineer for embedded software, you have broad experience in embedded software development, design and architecture using real-time operating systems.

This role is both high-level and hands-on. You will not only be designing the embedded software for our products making them scalable and robust, you will also be a hands-on developer, writing high quality code that interacts with a range of hardware devices.

You will be involved in the following activities:

- Design specification
- System level design
- Microcontroller firmware development
- Experience interfacing firmware to peripherals
- Software testing and quality control
- Signal processing

Position Requirements

- Bachelor's degree (or higher) in Computer Science, Engineering or equivalent.
- At least five (5) years of embedded software development experience

Experience with the following tools is desirable:

- The C and C++ programming language
- Experience with DSP an asset
- Data interface standards
- Reading electronic circuit schematics
- Microsoft Office applications, including Visio
- Software debug and performance analysis tools

Compensation and Benefits

Instrument Concepts is offering immediate full time employment and a competitive wage and benefits package. Employees are also eligible to participate in company ownership. We are committed to training to keep all of our employees at their peak performance.

How to Apply

Send resumes to resumes@InstrumentConcepts.com. If you have any questions regarding this opportunity please send us an email or contact Roger Ghegin at (902) 453-9600.