Software Systems Engineer

At C-CORE, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking a **Software Systems Engineer** with a strong background in signal processing and microwave systems design to work with its highly skilled team of engineers and scientists. If you are self-motivated, a team player and committed to technical excellence, then this may be your opportunity.

C-CORE conducts R&D and provides research-based advisory services, delivering innovative engineering and technology solutions to national and international clients. Over the past 44 years, we have built a world-class team of over 80 dedicated professionals, with a reputation for excellence in Remote Sensing, Ice Engineering, and Geotechnical Engineering. This position is located in our St. John's office.

SOFTWARE SYSTEMS ENGINEER
An electrical or computer engineering degree with at least 5 years of experience is desired. The successful candidate will have exceptional analysis and problem solving skills, strong communication skills (spoken and written) and the ability to work in a team environment. Knowledge and experience in all phases of software and systems development as well as in the following programming languages and platforms is essential: C++, C#, .NET. Experience with software/system analysis and design, and application development in the context of overall system design is required.

In addition, the successful applicant should have experience/knowledge in the following areas:
- Signal and image processing;
- Hardware interfacing (e.g. cameras, sensors, DAQ's, digital signal processing platforms);
- Linux application development and administration;
- Relational databases.

Preference will be given to applicants who also have experience/knowledge in the following areas:
- Algorithms and data structures;
- Radar signal processing;
- Functional programming (e.g. such as with the F# programming language);
- Formal verification and validation processes (e.g. such as with Rational DOORS); and

- The waterfall development cycle.

NOTE: Applicants must be registered or eligible for registration with the Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL)

Location:
St. John's, Newfoundland

Salary & Benefits:
C-CORE is committed to investing in people and creating a dynamic, rewarding employment experience.

C-CORE offers competitive salaries and benefits, including attractive vacation & leave entitlements, a generous retirement savings plan and medical & dental plans. We also offer numerous opportunities for professional and personal growth.

Apply to:
Qualified applicants should forward their résumé electronically to: careers@c-core.ca. Please quote **Software Systems Engineer** in your application. For further information, please refer to C-CORE website (www.c-core.ca).

C-CORE thanks all those who apply; however, only those whose skills most closely match the position will be contacted.