Research Developer

At C-CORE, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking a **Research Developer** to work with its highly skilled team of business professionals, engineers and scientists. If you are a self-motivated team player and committed to excellence, 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 45 years, we have built a world class team of over 95 dedicated professionals, with a reputation for excellence in Remote Sensing, Ice Engineering, and Geotechnical Engineering.

Duties:
We are seeking a **Research Developer** to join our team to collaborate on the long term development of software and hardware based R&D activities in a range of projects for earth observation, new satellite systems and advanced communications. The Research Developer will ideally complement our dynamic teams with the knowledge and skills required to take an idea to a demonstrable product with contemporary software development and high level problem solving.

Qualifications:
The successful candidate will want to work in an environment where exceptional analysis and problem solving skills are the baseline. You will be required to demonstrate strong communication skills (spoken and written) and the ability to work in a team environment. A university degree at the Bachelor's level is required; advanced degrees are desirable. A concentration in Computer Science, Mathematics, Physics or Computer or Electrical Engineering is preferred.

Demonstrated experience and knowledge in the following are essential:

- C/C++ programming;
- Scripting skills with Python or other 4th generation scripting languages; and

Experience and knowledge in the following domain areas will be considered strengths:

- Signal processing;
- Machine learning;

- Statistical analysis / working with large data sets;
- Amazon Web Services;
- Geographic information systems; and
- Programming with adherence to coding standards (such as IEEE 12207).

Location:
St. John's NL or Ottawa ON. Remote candidates may be considered.

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 and cover letter electronically to: careers@c-core.ca. Please quote Research Developer in your application.

A cover letter is required describing your experience in and passion for research and development. C-CORE is committed to maintaining a bias free workplace and encourages all applications. Security screening may be required for the position.

For further information, please refer to C-CORE website (www.c-core.ca).

Deadline for Submission:
December 2, 2022

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