



## **Research Scientist (2021-05)**

At C-CORE, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking a **Research Scientist** 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 80 dedicated professionals, with a reputation for excellence in Remote Sensing, Ice Engineering, and Geotechnical Engineering. This position is located in our Ottawa office.

### **Duties:**

We are seeking a research scientist to join our GeoAnalytics team to support and lead ongoing research and development activities. These include research into novel applications of radar systems, design and implementation of signal processing algorithms, and electronic warfare (EW) concepts.

### **Qualifications:**

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. A Master's degree in Physics, Mathematics or Electricals Engineering is preferred. The following is considered essential:

- Knowledge of radar signal processing design and analysis;
- Strong physics and mathematics background; and
- Experience with technical computing language such as MATLAB or Python.

Experience and knowledge in the following will be considered strengths:

- Sensor specifications and analysis;
- Statistical analysis;
- Machine learning; and
- Design and development of simulations.

An advanced degree (PhD) or equivalent experience would be an asset.

**Location:**

Ottawa, Ontario

**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](mailto:careers@c-core.ca). Please quote Research Scientist (2021-05) in your application. For further information, please refer to C-CORE website ([www.c-core.ca](http://www.c-core.ca)).

**Deadline for Submission:**

May 25, 2021

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