



At **C-CORE**, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking an **Electrical/Electronics Engineer** with a strong background in radio frequency 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 40 years, we have built a world-class team of 80 dedicated professionals with a reputation for excellence in Remote Sensing. We are looking for outstanding engineers and scientists to join our team.

ELECTRICAL/ELECTRONICS ENGINEER

This position requires an electrical or electronics engineering degree with at least 2 years of experience in engineering, research and development. The position will be for a defense research project involving passive detection of uncrewed aerial systems (UASs) using broad spectrum electromagnetic techniques. *This position is a 6 months contractual position with the possibility of extension.*

The successful candidate will have exceptional analysis and problem-solving skills, strong communication skills (spoken and written) and proven success working in a team environment. Knowledge and experience in the following areas are an asset:

- Electromagnetics modelling;
- Antenna and antenna array theory, design, and analysis;
- Radar;
- UASs;
- Python programming;
- Software defined radio (e.g. GNU radio);
- Microwave systems design, integration and verification;
- The use of microwave laboratory equipment (e.g., spectrum analyzers, vector network analyzers, signal generators, arbitrary waveform generators, and oscilloscopes);
- Technical writing; and,
- Verification and test planning.

In addition, the successful applicant should have experience and/or knowledge in a significant number of the following areas:

- Analog and digital electronics design;
- System-level design;
- Computer-aided design, and;
- Parts specification and procurement.

SALARY & BENEFITS

This position is a term contract with the possibility of extension depending availability of work and performance. The salary will be commensurate with relevant skills and work experience. C-CORE is a dynamic company that offers competitive salary. Should this position be extended beyond the 6-month term, the candidate may be able to opt in to C-CORE's benefit program, including a generous retirement savings plan, attractive vacation & leave entitlements, and medical & dental plans.

APPLY TO:

Qualified candidates should forward a résumé electronically to: careers@c-core.ca

Please refer to C-CORE website (www.c-core.ca) for additional information.

DEADLINE FOR SUBMISSION:

January 19, 2024

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