



Software Developer

At C-CORE, we are committed to investing in people and creating a dynamic and rewarding employment experience. C-CORE is seeking a **Software 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 43 years, we have built a world class team of over 70 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.

LOOKNorth Service Platform Description:

C-CORE is building a web-based earth insight services platform which:

- **Ingests** data sources from different satellite image providers such as Landsat 8, Sentinel, Planet Labs and others, via vendor APIs, or public cloud data sources.
- Performs image **preprocessing** (rectification, cloud/shadow, and atmosphere) to ready the data for earth insight algorithms.
- Develops and executes **algorithms** to generate earth Insights as part of an automated insight processing chain.
- **Stores** insights as raster or vectors in a central database.
- **Creates analytics** from intelligent database queries.
- **Displays** data and analytics via a responsive web interface.

General Knowledge we are seeking:

- Full stack development from backend to frontend
- Process Automation
- User Management/Security
- API development
- GIS experience

Bonus skills we are seeking:

- Web : Nginx/Apache, Python, GeoServer, JavaScript, React Native
- Mapping: GeoServer, MapServer, Openlayers, Leaflet, Mapbox
- Database: PostGIS(postgres), MongoDB
- Data Processing: python, GDAL
- Development tools: Git/Bitbucket, JIRA

- Cloud/SaaS related Tools: AWS, Auth0, Docker
- Opensource packages in general

Location:

St. John's, Newfoundland and Labrador or 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/personal growth.

Apply to:

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

Deadline for Submission:

October 9, 2018

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