MOTION METRICS

101-2389 Health Sciences Mall, Vancouver, British Columbia, Canada V6T 1Z3
T +1.604.822.5842   **F** +1.604.677.5191   www.**MotionMetrics**.com

Full Stack Software Developer (Summer 2019 Co-op 4 or 8 months)

Description:
Motion Metrics International is a high-tech private corporation located on the campus of the University of British Columbia that designs, develops, and deploys advanced monitoring solutions for heavy-duty industries. Our products combine custom-designed rugged hardware and "embedded + cloud-based" software to address some of the most challenging problems in the mining industry by using imaging and other sensor technologies.

Responsibilities:
- Work with team members to design, prototype, implement, and document product features
- Write well-documented, high-performance, reliable, clean code
- Develop software modules to a specification
- Write automated tests to thoroughly validate the correctness of your code

Requirements:
- Working towards Computer Engineering, Computer Science or related degree
- Understanding of OO design, algorithms and data structures
- Proficiency with scripting languages Python and/or JavaScript (Node.js)
- Knowledge of code versioning tools such as git
- Familiarity with front-end web design (Vue.js, React.js, CSS)

Beneficial, but not required:
- Previous co-op experience highly desirable.
- Experience programming web services and REST APIs.
- Experience with any unit testing frameworks (pytest, JUnit, etc) desirable.
- SQL database familiarity.
- A linked project portfolio or github