

JOSH ROBERTS

FULL-STACK, ARCHITECTURE, DEV OPS

Phone: +1-902-880-3492, E-Mail: josh@joshuaroberts.ca, Web: www.joshuaroberts.ca

WORK EXPERIENCE



Lockheed Martin Canada
Halifax, Canada

Software Engineer
October 2016 – Present

- Developed an engine to fuse information from multiple naval sensors into a cohesive tactical picture as part of a joint effort to replace the infrastructure used on the multimillion dollar Chilean navy contract.
- Developed high-fidelity simulations in direct collaboration with the Canadian navy as part of the \$2.1B Halifax-Class Modernization contract.



NTT Data Inc.
Halifax, Canada

Software and Automation Engineer
October 2014 – September 2016

- Led the development of security automation testing of web services that handle several billion dollars of benefits and retirement funds for a Fortune 500 financial firm.
- Led development of a mission-critical error detection product for a major oil and gas firm.



Lockheed Martin Canada
Halifax, Canada

Software Engineer
October 2013 – September 2014

- Developed software modules for planning and engaging the underwater weapon systems in a distributed environment for the Halifax-Class Modernization project.
- Ensured lab uptime through constant monitoring, triage, and collaboration with the developer environment team.



ION GX Technologies
Halifax, Canada

Field Geophysicist
October 2012 – September 2013

- Processed and reported data of several multimillion dollar seismic surveys for clients internationally.
- Developed applications to meet customer needs by refining data quality and perform additional processing.



Memorial University of Newfoundland **Co-op Internships**

- Lockheed Martin Canada: Developed software tools to record and visualize high-rate data traffic through a distributed network.
- Advanced Exploration Drilling Technologies: Created PID controller for the movement and vibrations of the Vibration-Assisted Rotary Drill (VARD) project.

TECHNICAL SKILLS

Languages: Java, C++, C, C#, Python, Bash Shell, JavaScript, Groovy, MATLAB, LabVIEW

Development Tools: Eclipse, Gradle, JIRA, Redmine, Confluence, Crucible, Rational Suite (DOORS, ClearQuest, ClearCase), Artifactory, Jenkins, Hudson, Qt Creator

Other: JavaFX, Swing, Sahi, SQL, Linux (Ubuntu, Red Hat, CentOS), MS Office, MS Windows

ACADEMIC



Memorial University of Newfoundland
Electrical and Computer Engineering (ECE)

3.9/4.0 GPA, 87% Average