

# JOSH ROBERTS

## FULL-STACK, ARCHITECTURE, DEV OPS

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### WORK EXPERIENCE



#### Salesforce

Halifax, Canada

#### Senior Member of Technical Staff

2018/07 – Present

- Developed software for social marketing in a hybrid setting, handling both the implementation and quality of critical tools for one-to-one personal engagement with customers.
- Development of critical data intake systems from the ground-level of Salesforce's in-development customer data platform.



#### NTT Data Inc.

Halifax, Canada

#### Software and Automation Engineer

2014/10 – 2016/09

- 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

2013/10 – 2014/09, 2016/10 – 2018/06

- Developed software modules for planning and engaging underwater weapon systems, fuse sensory data into a coherent tactical picture, and high-fidelity sensory simulation for the CCS-330 Command and Control System and associated training software.
- Ensured developer resource uptime through triage and collaboration with the build team.



#### ION GX Technologies

Halifax, Canada

#### Field Geophysicist

2012/10 – 2013/09

- Processed and reported data of several multimillion-dollar seismic surveys for clients internationally.
- Developed software tools to refine data quality and perform additional seismic 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, JavaScript, Shell Scripting, C++, C, C#, Python, Groovy, MATLAB, LabVIEW

**Development Tools:** IntelliJ, Eclipse, Atom, Gradle, JIRA, Redmine, Confluence, Crucible, Rational Suite (DOORS, ClearQuest, ClearCase), Artifactory, Jenkins, Splunk, Git, Subversion, Hudson, Qt Creator, VSCode, Docker

**Other:** JavaFX, Swing, Sahi, macOS, Linux (Ubuntu, Red Hat, CentOS), MS Office, MS Windows, Backbone, SQL, Flask, React

### ACADEMIC



#### Memorial University of Newfoundland

Electrical and Computer Engineering (ECE)

3.9/4.0 GPA, 87% Average

### INTERESTS

- Board Games / Chess
- Hiking / Camping
- Progressive Web Apps (PWAs)
- Cryptocurrency