

Robert Evans

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WORK EXPERIENCE

Software Engineer

Slalom Build

📅 June 2021 – Present

📍 Vancouver, British Columbia

- Used **AWS** suite of services such as DynamoDB, Lambda, API Gateway and CodePipeline to build and deploy APIs
- Developed lambda and step functions in **NodeJS**, **Typescript** and **Java** (legacy maintenance) for a payment processing application and E-Commerce application and runtime was optimized for scaling situations (such as Black Friday)
- Created automation scripts and developed the CDK to allow packaging and deployment of a pipeline for several environments (Dev, QA, staging, prod, etc.)
- Tested and debugged deployment pipelines as well as live lambdas and step functions for clients on short-notice basis
- Suggested and implemented architectural changes regarding the flow of data through the API

Software Developer

Environment and Climate Change Canada

📅 May 2019 – September 2020

📍 Toronto, Ontario

- Developed code and properly structured files and workflow with the **Angular framework** and launching projects with **Node.js** as well as properly integrate different libraries and use APIs
- Daily **Scrum** meetings, monthly releases and in-depth code review and version control using GitLab
- Worked on back-end components, mainly an in-house search system and then introduced many new features for accessibility, updating it to Angular from basic **Javascript/jQuery** and **HTML**
- Built 2 major components of a brand-new web app front-end, one using ag-grid and Highcharts for data analysis and other using OpenLayers (GIS) to track objects and place them on a map

EDUCATION

Honours B.Sc - Double Major in Computer Science and Chemistry, Minor in Mathematics

📅 2016 – April 2021 (Completed)

📍 University of Toronto

PROJECTS

See full list of projects and source code at <https://github.com/robbymister>.

Runelite (Open-Source) - Java:

- Java-based custom client for Old School Runescape, have worked on certain plugins as well as small quality of life updates such as inventory labels and certain gameplay interactions.

CORE SKILLS

Programming Languages

Python, Shell, Java, C, JavaScript, C++, SQL, PHP, TypeScript, C#, Dart

Environment/Tools/Operating Systems

Bash, Git, GDB, Jenkins, Kibana, Node.js, Linux, Windows

Databases

PostgreSQL, Oracle, MongoDB, neo4j, DynamoDB

Other Computer Science Experience

Robotics, A.I., Machine Learning, Neural Networks

Frameworks

Angular, React, Vue, Flutter, Spring

Object-Oriented Design Principles

Data Structures & Algorithms, Agile Methodologies, Scrum, UML, Design Patterns, MVC, Web Application Design

Languages

English (fluent), French (fluent)