

Noah Lattari

DUAL CITIZEN (CANADA & USA) | COMPUTER SCIENCE & MATHS STUDENT

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Skills

Programming	Java, C, VR Development (C#), HTML/CSS, Swift, SQL, Python.
Tools & Frameworks	Git, Unity, OpenGL, Pandas, Selenium, Postman, Node.js, AWS, Jira, Linux.
Languages	English, French.

Work Experience

Amazon.com

Toronto, ON

Software Development Engineer Intern

Starting Jan 2020

- Incoming SDE intern.

Royal Bank of Canada

Toronto, ON

Software Engineer Intern

Sept - Dec 2019

- Developed front-end forms using **Java & XML** to securely handle access requests deployed to hundreds of RBC employees.
- Engineered efficient fixes to bugs in the back-end for external vendors accelerating the development pipeline **by 25%**.
- Solved technical defects by refactoring existing code-base to more efficiently store data in **SQL** for other teams to access.

Q4 Inc.

Toronto, ON

Automation Engineer Intern

Apr - Sept 2019

- Located data discrepancies in the back-end SQL database by writing **Python** scripts using **Pandas** data science library ensuring Q4's 100+ clients are receiving accurate data.
- Reduced testing time for Engineers by creating an automated test suite in **Java** and **Selenium** resulting in faster code shipment.
- Wrote custom **100+ unit tests** and documentation in the current code-base for other team members to train new hires with.

Ryerson University Department of Computer Science

Toronto, ON

Undergraduate Teaching Assistant - Intro to programming in C

Jan - Apr 2019

- Taught core **C/C++** programming fundamentals such as memory management and data structures to 30+ engineering students.

Ryerson Laboratory of Innovations in Transportation (LiTrans)

Toronto, ON

Research Assistant

May - Sept 2018

- Developed an algorithm in **Swift** to detect when a user started their daily commute, increasing prediction accuracy **by 45%**.
- Created **Java** classes to send and receive loosely compressed collected user data to the back-end AWS **DynamoDB**.

Leadership

Ryerson Computer Science Course Union

Toronto, ON

Vice President of Academics, 3rd Year Representative (multiple terms & positions)

Sept 2018 - Present

- Attends bi-weekly board meetings with professors to discuss changes to the academic curriculum.
- Collects and formulates conclusions from questionnaires sent to students to present organized data.
- Pushed forward a new motion to add an upcoming "Specialization in Artificial Intelligence" for the Computer science program.

Projects

HeliumDelerium [Hack the North FB 2nd Place Prize] C# • Unity • Python

Virtual reality social networking tool to help users with Alzheimer's remember their friends names with a fun minigame.

AutoLingo [PenApps] React.js • HTML/CSS • MongoDB

Chrome extension that replaces your new tab with dynamic French or Spanish translations to help you slowly learn a language.

Virtual Horde Survival C# • Unity

Virtual Reality combat survival game to test reaction speeds featuring kinematic animation, particles, and an enemy AI.

Education

Ryerson University

Toronto, ON

Honours B.Sc in Computer Science with Mathematics minor.

Sept 2016 - Apr 2021 [Expected]