

# Noah Mifsud-Lattari

DUAL CITIZEN (CANADA & USA) | COMPUTER SCIENCE GRADUATE

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## Skills & Honors

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### Programming

Java, VR Development (C#), Matlab, Python, HTML/CSS, Node.js, SQL, LaTeX

### Tools & Frameworks

Git, Unity, OpenGL, Docker, Kubernetes, Pandas, Selenium, Postman, AWS, Jira, Linux

### Honors

Academic Perseverance in Computer Science Scholarship (\$1000), R.S.S Computer Science Program Recognition Award, WayUp's 2021 Top 100 Intern

## Experience

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### Shopify | Software Engineer

Toronto, ON | May 2021 – Current

- Writing Ruby on Rails classes to dynamically process web-requests to allow merchants to pay for Shopify in multiple currencies.
- Designing GraphQL handlers & mutations that allows merchants to change their settings on how they will be billed monthly.
- Creating detailed and concise technical documentation resources about Shopify's billing system to help on-board new engineers.

### Ryerson Department of Computer Science | Teaching Assistant (2 terms)

Toronto, ON | Jan 2019 – Apr 2021

- CPS 125 - Intro to Programming for Engineers: Taught low-level C++ programming concepts lessons to 30+ students weekly.
- CPS 209 - Computer Science II: Lead and marked Java/Object-Oriented-Programming labs & assignments to 90+ students weekly.

### Tesla | Software Engineer Intern

Palo Alto, CA | Sept 2020 – Dec 2020

- Deployed a Flask/Python web-app to a kubernetes cluster, producing a dedicated dev & prod IP address for other teams to use.
- Created a Node.js web-app that dynamically visualizes JSON (Model Y parts) within Tableau to be used by hundreds of engineers.
- Took ownership over a new project by gathering user requirements from various product owners documenting everything in Jira.

### Amazon | Software Development Engineer Intern

Toronto, ON | Feb 2020 – May 2020

- Collaborated with multiple teams to take ownership and create a high-level design for a newly proposed Alexa feature.
- Wrote a C++ Alexa Skill that helps thousands of users diagnose internet connectivity issues by parsing external JSON responses.
- Created 30+ automated tests using C++ for other developers to use before they deploy their skills, ensuring code quality.

### Royal Bank of Canada | Software Developer Intern

Toronto, ON | Sep 2019 – Dec 2019

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

### Q4 Inc. | QA Engineer Intern

Toronto, ON | Apr 2019 – Sept 2019

- 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 Jira for other team members to train new hires with.

### LiTrans.ca / Ryerson University | Research Assistant

Toronto, ON | May 2018 – Sept 2018'

- Supervised by Dr. Farooq to develop a carbon emissions tracker mobile application.
- Implemented a pedometer tracking algorithm in Swift to efficiently detect when a user starts commuting to their work.

## Extracurriculars

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### Ryerson Tri-Mentoring | Student Mentor

Toronto, ON | Sept 2020 – Apr 2021

- Helped transition incoming first-year students to university with weekly mentoring meetings and specialized learning plans.

### Ryerson CSCU | VP Academic, 3rd & 4th Year Rep (various terms)

Toronto, ON | Sept 2019 – Apr 2021

- Collaborated with professors and faculty staff to implement a new Computer Science degree specialization in Machine Learning.
- Relayed all concerns and suggestions from the 3rd & 4th year students to professors at various board meetings.

### RU Hacks | Workshop Host

Toronto, ON | Sept 2020 – Dec 2020

- Ran a resume writing and technical interviewing skills workshop for 200+ students at Ryerson's yearly hackathon.

## Education

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### Ryerson University | Honours BSc — Computer Science

Toronto, ON | Graduated May 2021

- **Relevant Courses:** Algorithms • Reinforcement Learning • Computer Vision • Graphics • Databases • Computer Networks