

# Noah Mifsud-Lattari

DUAL CITIZEN (CANADA & USA) | COMPUTER SCIENCE GRADUATE

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## Skills & Awards

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<b>Programming</b>	Java, VR Development (C#), Matlab, Python, HTML/CSS, Node.js, SQL, $\LaTeX$
<b>Tools &amp; Frameworks</b>	Git, Unity, OpenGL, Docker, Kubernetes, Pandas, Selenium, Postman, AWS, Jira, Linux
<b>Awards</b>	Academic Perseverance in Computer Science Scholarship (\$1000), Computer Science Program Recognition Award

## Experience

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**Shopify** | Software Engineer Intern Toronto, ON | Apr 2021 – Present

- Backend engineer on the merchant-billing team.

**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.** | Automation Engineer Intern Toronto, ON | Apr 2019 - Sept 2019

- Created Python/Pandas scripts to analyze a SQL database locating data discrepancies, significantly decreasing testing time
- 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.
- Compressed collected data within the backend using the Java Deflater class in order to save 60% more storage in Amazon EC2.

## 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