

Noah Mifsud-Lattari

DUAL CITIZEN (CANADA & USA) | COMPUTER SCIENCE GRADUATE

(519) 216-5852 | noah.lattari@gmail.com | noahlattari.com | GitHub: noahlattari | LinkedIn: noahlattari

Experience

Faire | Software Engineer II

Toronto, ON | May 2022 – Current

- Spearheaded a cross-functional project as lead engineer to develop new mobile push notifications for retailers, while also creating and maintaining Mode dashboards to update product with analytics throughout, resulting in a 2% global GMV increase.
- Co-lead the design and implementation of the new "Communications Planner" service with two other engineers to process and schedule all new push-notifications at optimal send times using machine learning data processed from the data science team.
- Strategically optimized an SQL table index, reducing large table scans by 40%, significantly boosting query execution speed.
- Coordinated with the design team to plan and develop new marketing emails in Kotlin resulting in a 1.3% increase in click rate.
- Participated as a primary responder in the backend on-call rotation within 4 months of joining company as the company's most junior on-call, successfully debugged, triaged and documented complex issues using Datadog monitors and metrics.

Shopify | Software Engineer

Toronto, ON | May 2021 – May 2022

- Re-wrote billing subscription classes and jobs using Ruby on Rails to seamlessly allow merchants to pay for Shopify in various currencies through the integration of GraphQL APIs, driving a 5% Shopify Plus subscription increase in Europe.
- Coordinated with the finance team to implement country specific tax rules within Rails classes to be used during invoice creation.
- Designed GraphQL handlers & mutations that allows merchants to change their settings on how they will be billed monthly.
- Created detailed and concise technical documentation resources about Shopify's billing system to help on-board new engineers.

TMU 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 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.

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.
- 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.

LiTrans.ca | Research Assistant

Toronto, ON | May 2018 – Sept 2018

- Supervised by Dr. Farooq to develop, test, and prototype a carbon emissions tracking mobile application with Swift and AWS.

Extracurriculars

TMU 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.

TMU 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.

Skills & Honors

Programming

Java, Kotlin, VR Development (C#), Ruby on Rails, 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, Computer Science Program Recognition Award

Education

Toronto Metropolitan University | Honours BSc. — Computer Science

Toronto, ON | May 2021

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