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*
- Software Engineer on the Retailer Life-cycle Team (Kotlin, MySQL, AWS, Docker)

Shopify | Software Engineer   *Toronto, ON* | *May 2021 – May 2022*
- Re-wrote billing subscription logic with Ruby on Rails to safely allow merchants to pay for Shopify in multiple currencies using GraphQL APIs, increasing the European merchant subscription rate by 5%.
- 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.
- 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.
- 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 | 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

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

Education

Toronto Metropolitan University | Honours BSc. — *Computer Science*   *Toronto, ON* | *Graduated May 2021*
- **Relevant Courses**: Algorithms • Reinforcement Learning • Computer Vision • Graphics • Databases • Computer Networks