

Jeremy La

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EDUCATION

University of Toronto

09/2020 – 06/2024 | Toronto, Ontario

Bachelor of Science in Computer Science (Co-op)

- cGPA: **3.80/4.00**
- Relevant Courses: Software Engineering, Databases, Web Programming, Algorithms, OS, Security, AI

SKILLS

Languages

Java, Python, HTML, CSS, JavaScript, TypeScript, C, SQL

Technologies/Frameworks

React, Express, Node, Flask, MongoDB, PostgreSQL, SQLAlchemy, Selenide, Git, Docker, Scrum

EXPERIENCE

Software Developer Intern

09/2023 – 12/2023 | Halifax, Nova Scotia

Dash Hudson

- Contributed to several backend and auth projects using **Python, Flask, Kafka**, and **SQLAlchemy** as part of the Data Foundation Team.
- Collaborated with three other developers on the LinkedIn Data Importing and backend project, responsible for **20%** of tickets completed.
- Developed code to allow brands to connect their LinkedIn pages to the Dash Hudson platform and collaborated with other teams to facilitate an **early release** of LinkedIn Platform Connection.
- Created Celery tasks to periodically import data from the LinkedIn API and designed an efficient task schedule to regularly import **1000+** LinkedIn posts and reduce latency between platforms.
- Regularly monitored Datadog to log and fix bugs, significantly reducing error rate and response times by **75%**.
- Analyzed and optimized test suites using parallelization and efficient scaffolding, reducing test duration by up to **90%**.
- Participated in peer code review, ensuring code is clean and well-organized in accordance with industry best practices.

Full Stack Developer Intern

01/2022 – 08/2022 | Toronto, Ontario

SAP Pioneer

- Developed Embedded Finance software in Java and JavaScript as part of the Embedded Finance Platform scrum team.
- Researched and built an API Hub used by several teams within the Pioneer organization to store **10+** APIs with examples and documentation.
- Presented the API Hub to the extended team and documented findings for future developers, receiving overwhelmingly positive feedback from colleagues.
- Refactored **15+** Java UI Tests using Selenide, greatly reducing automated test duration in the CI/CD pipeline.
- Resolved **10+** security violations and code smells ranging from major to critical in order to comply with the latest security standards.

PROJECTS

StormAI

02/2023 – 04/2023

React, Node, MongoDB, PostgreSQL, Spring, OAuth

- Developed a collaborative whiteboarding platform which leverages artificial intelligence to facilitate productivity.
- Designed a novel and user-friendly user interface using React Flow and Tailwind, greatly improving user experience and usability.
- Implemented real-time editing, AI, rooms, and cursors using y-webRTC, allowing for a unique collaborative experience between as many as **10** concurrent users.
- Optimized saving and storage of whiteboard data, resulting in major improvements to responsiveness and reduced file sizes by up to **50%**.

TravNav

05/2024 – 06/2024

TypeScript, React, Flask, Google Maps API

- Developed a platform for users to plan efficient routes between several destinations using real-time data from the official Google Maps API.
- Optimized computation of routes and number of API calls, reducing API usage costs by up to **80%**.
- Implemented alternative route-planning algorithms to improve response times and user experience.