

# Jeremy La

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## SKILLS

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### Languages

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

### Technologies/Frameworks

React, Express, Node, MongoDB, PostgreSQL, Neo4j, Socket.io, Selenide, Git, Docker, Scrum

## PROFESSIONAL EXPERIENCE

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### 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 LinkedIn 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 implemented an efficient task schedule to reduce latency.
- Regularly monitored Datadog to log and fix bugs, significantly reducing error rate and latency.
- Analyzed and optimized test suites using parallelization, reducing test duration by 90%.
- Participated in peer reviewing of code, 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, accelerating development, integration, and innovation.
- Presented the API Hub to the extended team and documented findings for future developers, receiving overwhelmingly positive feedback from colleagues.
- Built a error-validation framework for the team's backend application, allowing for quicker development and user acceptance testing.
- Refactored 15+ Java UI Tests using Selenide, greatly reducing the amount of time required to run automated tests.
- Resolved 10+ security violations and code smells ranging from major to critical in order to comply with the latest security standards.

## PROJECTS

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### StormAI

02/2023 – 04/2023

*React, Node, MongoDB, PostgreSQL, Spring, OAuth*

- Developed a collaborative whiteboarding and brainstorming 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.
- Optimized saving and storage of whiteboard data, resulting in major improvements to responsiveness and storage size.

### LAHP Chrome Extension

08/2021 – 02/2023

*JavaScript, React, Tailwind*

- Developed a Chrome extension that modifies the new tab with more tools and an improved user interface.
- Utilized public APIs to display hourly weather updates, inspirational quotes, and more.
- Conceptualized a unique user interface that follows the best UX standards and practices.

## EDUCATION

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### Computer Science Co-op

09/2020 – 06/2024 | Toronto, Ontario

*University of Toronto*

- cGPA: 3.85/4.00
- Relevant Courses: Software Engineering, Databases, Web Programming, Algorithms, OS, Security