

Jenny Lei

3rd year Computer Science student seeking internship for Summer 2022

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Work Experience

Google · STEP Intern

MAY — AUG 2021

- Worked on **Secure Payment Confirmation (SPC)** for **Chrome Web Payments**.
- Wrote reliable code across multiple browser layers (chrome, content, and renderer) to implement the authentication UI for android with **Java** and the no credentials UI for desktop with **C++**.
- Implemented Java unit tests using **Robolectric** and **Mockito** to ensure code functionality.
- Completed accessibility checklist and prepared for UI implementation review, enabling android SPC to launch in Chrome's M93 origin trial.
- Took initiative to address product excellence by fixing a crashing bug to improve stability and adding/fixing failing tests to improve test coverage.

SS&C Technologies · Full Stack Developer

JAN — APR 2021

- Worked in a fast-paced environment with other developers, designers, QA testers, and sales team members, to build a fully functional demo in 6 weeks
- Used **Angular** with **TypeScript** and **RxJS**, and **Java** with **Spring Boot**.
- Built global templates for dynamically rendered JSON forms and widget containers that will be used across other teams.

Evidence Partners · Full Stack Developer Co-op

APR — AUG 2020

- Developed, designed, and tested endpoints for new public-facing RESTful APIs using **PHP** and **Lumen** framework, while following a CI/CD pipeline using **Jenkins**, **JIRA**, and **BitBucket** in an Agile environment.
- Built a new authentication mechanism using **JWTs**. Includes a token invalidation system using **MySQL** to store invalid tokens and **Kubernetes CronJobs** to clear expired tokens.
- Wrote unit and integration tests using **Postman**, **PHPUnit**, and **Behat** on top of a **Selenium** server.

Personal Projects

BusyMap · Hack the 6ix Geotab Sponsor Challenge Winner

AUG 2020

- Built a website that helps users plan trips while avoiding popular locations based on historical data using the **Google Maps** and **Geotab API**. Won the Geotab sponsor challenge at [Hack the 6ix 2020](#) in a team of 4 students.
- Built with **HTML**, **CSS**, **JavaScript**. and designed using **Figma**.

Where's my Time? · Task & Time Management

DEC 2019 — JAN 2020

- Developed a cross-platform time management app for students that can time tasks, organize with custom categories, plan to-dos, and view metric graphs.
- Built using **Dart**, **Flutter**, and **SQLite** using a reactive programming approach.

Skills

Frontend

HTML, CSS / SASS, JavaScript, Angular, Dart, Flutter, React / React Native

Backend

MySQL, Node.js, PHP, Laravel / Lumen

Other

C / C++, Java, C#, Unity, Android, SwiftUI, Git, Figma, Photoshop, Illustrator

Education

University of Waterloo

Bachelor of Computer Science

2019 — 2024 · 3rd Year

- Cumulative Average: 92%
- Dean's List (all terms)

Awards

Top 8% - Canadian Computing Competition 2019

Top 30 teams - ECOO Programming Contest 2019

Top 5% - Euclid Mathematics Competition 2019

Extracurriculars

University of Waterloo

Varsity Badminton Team

2019 — PRESENT

- Achieved Bronze at Ontario University Athletics (provincials)

Hobbies

Badminton, Volleyball, Skiing, Drawing, Video / Board Games