

LARRY WU

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Skills

Languages: C++, Java, Kotlin, JavaScript, Python, HTML/CSS,
Technologies: React.js, RxJava, Jetpack Compose, Datadog, Node.js, Pytorch, NumPy, Panda

Professional Experience

Faire

Waterloo, ON

Waterloo-based tech **unicorn** for online wholesales marketplace

May 2022 – Aug 2022

Software Engineering Intern – Android development

- Implemented a new cache system, which led to over a **30%** decrease in API load
- Led mobile efforts on an **A/B testing** experiment. Directly responsible for scoping, implementing, and monitoring key metrics to measure the project's success.
- Developed features in **5+** screens using the **MVVM** architecture and **Jetpack Compose**, including **50+** unit tests and manual test suites for proper test coverage.

Uptake Technologies

Mississauga, ON

Software Engineering Intern – Quality Assurance

Sept 2021–Dec 2021

- Authored **20+** test suites for web/mobile applications and API, using **Junit**, **Groovy**, and **Selenium**
- Performed **Bi-weekly** system-level **regression testing** to ensure product readiness for release cycles.
- Collaborated with **15+** product stakeholders and engineers in a **SCRUM** environment to ensure all the aspects of the application have proper test coverage and overall system reliability, performance, and quality standards are met

Projects

Explorify

- Designed and developed a music recommendation app that generates personalized playlists using the Spotify API.
- Built the backend using **Node.js**, and **Express.js**, and employed using Heroku servers.

Artly

- Developed an interactive and collaborative art platform that allows people to share art around the world.
- Built using **React** framework **Next.js** and **Tailwind CSS**, utilized database from **Firebase** to create a user authentication system and store user information

Education

University of Waterloo

Sept 2020 - Present

Candidate for Bachelor of Computer Science

- **GPA: 3.98/4**, taking enriched-level math and computer science courses
- **Courses:** OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures

Awards

Canadian Math Olympiad (CMO): Top 50 high school students across Canada invited to write Canada's national math contest

Canadian Computing Contest (CCC): Placed 34th in Canada out of 2827 contestants

WaffleHacks: Winner of the best connection hack in Wafflehack 2022.