

DAPHNE LIU

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Software developer, hackathon winner, founder, and speaker. Mentored by Google and interned at 5 companies.

Education

University of British Columbia, Bachelor of Science in Computer Science, 4th Year *Sep 2015 - May 2021*

Skills

Kotlin, React, TypeScript, Java, JavaScript, HTML/CSS, Scala, C#, JSON, SQL, GraphQL, Unix, Git

Internships

Lyft, Software Developer Intern *June 2020 - July 2020*

- Built coupon, shortcuts, payment methods, and dark mode with React and TypeScript for Lyft on the web.
- Added support for A/B testing and created guidelines to set up experiments and control roll-out.
- Selected as one of the 4 out of 180 interns to speak to 250 students on the Intern AMA Webinar.

Yelp, Android Developer Intern *Jan 2020 - Apr 2020*

- Introduced the app rating prompt with Kotlin in the Yelp for Business Owner app to receive user feedback.
- Built carousels with nested scrolling content to promote features on home screen, using Kotlin, Kotlin, RxJava.
- Migrated the architecture for Android alert banner from MVP to MVI for with JUnit tests.

Shopify, Android Developer Intern *May 2019 - Aug 2019*

- Implemented the WebView remote debugging feature in Kotlin on Shopify's Android app.
- Developed a notification system on Android with Java, Kotlin, and GraphQL to alert merchants of plugin issues.
- Rendered nested lists in Android with a HTML to Spannable parser and shared my learning in a blog post.

Hootsuite, Software Developer Intern *Jan 2019 - Apr 2019*

- Added dynamic loading, category assignment, instant search to app store admin page with React, HTML/CSS.
- Worked with cross-functional teams to launch Hootsuite app store and implemented API endpoints in Scala.

Royal Bank of Canada, Software Developer Intern *May 2018 - Aug 2018*

- Increased efficiency of commodity tax data lookups by 2 months per year with C# and .NET automation.

Projects

Google Chat App, Google CodeU Mentorship program *Feb 2018 - May 2018*

- Selected to participate in Google CodeU, an invite-only program to be mentored by a Google engineer.
- Worked on a chat app in Java and introduced offline support by caching HTML pages and CSS with JavaScript.

Soil TopARgraphy, UBC Emerging Media Lab *Jan 2018 - Apr 2019*

- Liaised between 7 developers and a professor to create an AR app for a soil science class, using Unity and C#.
- Project was presented at 3 conferences, released on app stores, and will be used by 250+ students.

Color Breakdown, Personal Project *Oct 2018 - May 2020*

- Published Android app on Google Play to extract colors from an uploaded image, same app written for web.

Advocacy

Founder and Co-President, UBC Women in CS

Co-founder, UBC CS Coffee Chat

Panelist, Superposition IV hackathon

Android Workshop Lecturer, Hack the 6ix

Panelist, Microsoft Higher Education Summit

Awards

Hackathon Winner, Lumohacks 2017

IKB Women in Technology Scholarship 2019

BC Tech Scholarship 2019

VISIER Service Award for Women in CS 2019

UBC Grace Hopper Conference Scholarship 2018