DAPHNE LIU

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Android 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

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

Internships

Lyft, Software Developer Intern   *June 2020 – July 2020*
- Will be working on front-end for Lyft's Progressive Web App for riders in React, Redux, NextJS, TypeScript.

Yelp, Android Developer Intern   *Jan 2020 – Apr 2020*
- Took ownership of implementation and launch for app-wide feature in the Yelp for Business Owner app.
- Using Kotlin, Koin, RxJava, built carousels with nested scrolling content to promote major business features.
- Planned and implemented architecture migration from MVP to MVI for Android alert banner with JUnit tests.

Shopify, Android Developer Intern   *May 2019 – Aug 2019*
- Planned and implemented the WebView remote debugging feature on Shopify's Android app.
- Developed a notification system on Android with Java, Kotlin, and GraphQL to alert merchants of plugin issues.
- Wrote advanced HTML to Android Spannable parser in Kotlin to render nested bulleted list data.

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.
- Investigated, improved a 13-year-old system and served as single point of contact for business and QA teams.

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.
- Built 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 build an AR app for a soil science class, using Unity and C#.
- Project presented at 3 conferences, released on app stores, and will be used by 250+ students.

Color Breakdown, Personal Project   *Oct 2018 – May 2020*
- Wrote Android in Kotlin and web app in React to extract image colors; Android app published on Google Play.

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