

# DAPHNE LIU

daphne.liu97@gmail.com | linkedin.com/in/daphliu | Winter/Summer 2020 Internships

Android developer, hackathon winner, speaker and writer. Mentored by Google and worked at 3 internships.

## Education

**University of British Columbia**, Bachelor of Science in Computer Science, 4th Year

Sep 2015 - May 2021

## Skills

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

## Relevant Experience

**Shopify**, Android Developer Intern

May 2019 - Aug 2019

- Served as a project champion to plan, build, and launch WebView remote debugging on Android.
- Developed a notification system on Android with 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 coding program for students with high potential.
- Built a chat web app with Java backend in team of 3 under a Google engineer's mentorship.
- Introduced offline support by caching HTML pages and CSS with JavaScript using Service Workers.

**Soil TopARgraphy**, UBC Emerging Media Lab

Jan 2018 - Apr 2019

- Managed 7 developers on one of the first efforts to introduce AR into UBC classrooms, 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 - Nov 2018

- Published Android app on Google Play to analyze image colors using Kotlin and internal Palette API.

## Achievements

**Workshop Speaker** (Hack the 6ix): Taught Android workshop on Kotlin Coroutines & Retrofit to 50+ students.

**Writer**: Researched and wrote a technical blog on Android Spannables, published with 750+ views.

**Founder** (UBC Women in CS): Started a club at my university to create community of women in Computer Science.

**Founder** (UBC CS Coffee Chat): Initiated program to connect lower year to upper year students for mentorship.

**Conference Speaker** (Microsoft Higher Ed Summit): Selected to represent Hootsuite to speak to 100+ participants.

**Android Tech Lead** (UBC Launch Pad): Liaised with professor and led a team of 5 on app to collect field trip data.

**Hackathon Winner** (Lumohacks 2017): Built VR scenarios to help patients tackle phobias, built with Unity & C#.

**IKB Women in Technology Scholarship 2019**: Awarded for academic excellence in Computer Science degree.

**BC Tech Scholarship Winner**: Featured in newsletters, magazine and invited to meet Justin Trudeau.