

SIMRAN KAUR

✉ s53kaur@edu.uwaterloo.ca 🌐 iameskay.github.io 📍 Waterloo, Ontario, Canada 🌐 iameskay

WORK EXPERIENCE

Twitter · Software Engineering Intern - MoPub Android SDK Team

May 2019 to Aug. 2019
San Francisco, California

- Modularized the SDK's networking code and reduced the number of files using Volley imports by 81%
- Produced a technical design document containing a thorough analysis of the SDK's current and future state, including: API changes, usage of Volley, gradle dependency graphs, and new Kotlin interfaces
- Presented my TDD for peer review and received approval for ~3450 lines of code changes across multiple pull requests

Kik Interactive · Android Developer Intern

Sept. 2018 to Dec. 2018
Toronto, Ontario

- Contributed to the Admin Tipping feature that uses Kin cryptocurrency in the Kik Android messenger application, leading to 95,000 monthly active spenders
- Followed MVVM in Kotlin using RxJava, wrote unit tests using Mockito & JUnit, constructed UML architecture diagrams, and worked in an agile development environment

reebee · Android Engineer Intern

Jan. 2018 to Apr. 2018
Kitchener, Ontario

- Rewrote notifications and geofencing to support Android Oreo background execution limitations, increasing supported devices by 38%
- Developed an Android home screen shopping list widget and redesigned in-app feedback following Material Design guidelines for 300K monthly active users

Investors Group · Associate Software Developer

May 2017 to Aug. 2017
Toronto, Ontario

- Created an Android data dashboard application leveraging the open source MPAndroidChart library and Google Maps API

Work Market · Quality Engineering Intern

May 2016 to Aug. 2016
Toronto, Ontario

- Built an automated UI test suite for the Work Market Android application using Espresso, and discovered and logged UI, functionality, and API bugs on JIRA

PROJECTS

Split - UX Case Study for Human Computer Interaction course

- Mobile application prototype that helps users split payments among friends and roommates in an effortless manner

SoundMatch - Hack the North 2017

<https://github.com/iameskay/soundmatch>

- Android application that compares microphone input to sheet music and provides accuracy summary

EDUCATION

University of Waterloo

Expected Graduation: April 2020
Candidate for Bachelor of Computer Science, specialization in business

SKILLS

Languages	Java, Kotlin, C, C++, SQL
Tools & Libraries	Git, Android Studio, RxJava, JUnit, Mockito, Dagger, Espresso, Volley
Design	Android Material Design, AdobeXD, Zeplin, Bootstrap, CSS, Photoshop

AWARDS

University of Waterloo Grace Hopper Scholar

University of Waterloo
Oct. 2016

President's Scholarship of Distinction

University of Waterloo
Sept. 2015

Top 25% Distinction on 3 UWaterloo Math Contests

University of Waterloo Centre for Mathematics and Computing

ACTIVITIES

Grace Hopper Celebration of Women in Computing 2018

Attendee

Hack the North 2017

Participant

Grace Hopper Celebration of Women in Computing 2016

Attendee

Women in Computer Science Undergrad Committee Winter 2016

Social Director