SIMRAN KAUR

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WORK EXPERIENCE

Twitter · Software Engineering Intern
May 2019 to Current
San Francisco, California

- Designed a product requirements document for modularizing all code that uses the Volley HTTP Networking library in the MoPub Android SDK
- Produced a technical design document containing a thorough analysis of the SDK's usage of Volley, gradle dependency graphs, and new Kotlin interfaces
- Participated in a formal review of the TDD, code reviews, and working groups with the cross functional MoPub SDK team

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 and wrote unit tests using Mockito & JUnit
- Engaged in the code review process on Github, 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 that leveraged the open source MPAndroidChart library and Google Maps API
- Assisted in the researching of tools to update the digital team's portfolio and facilitate DevOps

Work Market · Quality Engineering Intern
May 2016 to Aug. 2016
Toronto, Ontario

- Created an automated UI test suite for the Work Market Android application using Espresso
- Set up regression and smoke test suites on TestRail, 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++
Tools & Libraries	Git, Android Studio, RxJava, JUnit, Mockito, Dagger, Espresso, SQLite
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