

# SIMRAN KAUR

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## WORK EXPERIENCE

### 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, worked in an agile development environment, and constructed UML architecture diagrams

### 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 Android home screen widget and redesigned in-app feedback following Material Design guidelines for 300K monthly active users
- Explored shared element transitions, contributed to shopping list print and share feature, and implemented map view using Google Maps API

### Investors Group · Associate Software Developer

May 2017 to Aug. 2017  
Toronto, Ontario

- Created Android data dashboard application leveraging open source chart library and Google Maps API
- Designed RAML and sample JSON files for mobile experience level API using Anypoint Platform
- Assisted in researching of tools to update digital team's portfolio to facilitate DevOps

### Work Market · Quality Engineering Intern

May 2016 to Aug. 2016  
Toronto, Ontario

- Created automated test suite for Android application using Espresso
- Set up regression and smoke test suites on TestRail
- Discovered and logged UI, functionality, and API bugs on JIRA

## PROJECTS

### Split - UX Case Study

- Mobile application prototype that helps users split payments among friends and roommates in an effortless manner
- Created as a project for Human Computer Interaction course

### SoundMatch - Android

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

- Android application that compares microphone input to sheet music and provides accuracy summary
- Created for Hack the North 2017

## 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