Colin Marsch

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EDUCATION

University of Waterloo
Candidate for Bachelor of
Honours Computer Science
2016 - Apr 2021 | Waterloo, ON
Cumulative GPA To Date: 86.5%

SKILLS

Languages
Kotlin • Java • Python
Swift • JavaScript • C++
C • HTML & CSS • SQL

Technologies and Tools
RxJava • Dagger • Retrofit
Unix • Git • Node.js
Test Driven Development

INVOLVEMENT

Microsoft Student Partner
September 2017 - June 2018
- Worked with student partners across Canada to plan and deliver events such as tech workshops and hackathons
- Presented in two Node.js chat bot workshops

AWARDS

Competition

Code to Win 2018 - Finalist

MSFT Hacks 2017 - 3rd Place

Equithon 2017 - Category Winner

Academic

Dean's Honour List
Winter 2017, Winter 2018
and Spring 2019 Terms
University of Waterloo

EXPERIENCE

Google | Software Development Intern
May - August 2020 | Mountain View, CA (Remote)
- Contributing to the Android Open Source Project (AOSP) to convert AOSP apps from Java to Kotlin and upgrade them to Android API 29

Square | Software Engineer Intern
September - December 2019 | New York, NY
- Worked on Square's Android Restaurants Point of Sale app to streamline the checkout experience
- Contributed to large feature migration from legacy UI paradigm to Square's Workflow in Kotlin
- Developed features such as menu animations and cash drawer controls during app's alpha testing period

Square | Software Engineer Intern
January - April 2019 | San Francisco, CA
- Worked on Square's Android Point of Sale (POS) app to build features for business management
- Built a new applet within POS using Kotlin, RxJava and Dagger to allow for order state tracking and refunding
- Developed initial state design and customization options of revamped sales reports using Square's Workflow Library

SAP Canada | Mobile Developer Intern
May - August 2018 | Waterloo, ON
- Worked on the SAP Android SDK team to develop sample apps for use by early access customers
- Developed native Android apps using Java, including offline data storage features and multi-user functionality

CIBC Live Labs | Software Engineering Intern
September - December 2017 | Toronto, ON
- Worked on native development of an internal project sharing iOS app using Swift and the Java Spring Framework

PROJECTS

Dawn
GitHub://Dawn
- Designed and developed this Android morning productivity app to reduce user's phone usage