

# Aqeel Kamadia

aqeel.ca • aqeel.kamadia@edu.uwaterloo.ca • (226) 989-8039

## SKILLS

Languages and Technologies

Swift, Objective-C, Java, C, C++, Python, JavaScript, SQL, HTML/CSS, Bash, Git, Xcode, Android Studio

## WORK EXPERIENCE

**Ceridian** – iOS Developer

*Toronto, Spring*

2018

- Implemented multiple screens in a large feature in Swift; used MapKit to display map snapshots of locations
- Refactored an Objective-C feature to Swift; includes networking, models, view models, views, unit tests
- Fixed bugs and crashes throughout the Dayforce app, both in Swift and Objective-C

**LCBO|next** – Full Stack and Mobile Developer

*Waterloo, Fall*

2017

- Built admin and client iOS apps that verify a user's digital photo identity using encrypted strings in QR codes
- Communicated with server by uploading photos and unique strings for digital identity registration process
- Supported integration of chatbot in both web app and iOS app using Dialogflow.ai natural language interface

**Zenith Insurance Company** – iOS Developer

*Los Angeles, Winter*

2017

- Pulled user events from the server and integrated them as calendar events with alarms using EventKit
- Worked with AVPlayer to implement video playing abilities
- Implemented handling for multiple push notification types (instant messaging and gamification)

**Intelligent Mechatronics Systems** – Mobile Developer

*Waterloo, Spring*

2016

- Migrated Objective-C code to Swift and improved efficiency of models and controllers
- Implemented telematics features in Swift with CoreLocation and equivalent features in Java for Android
- Resolved bugs and wrote iOS unit tests with XCTest to guarantee code correctness

**Extreme Networks** – Computer Programmer

*Markham, Fall*

2015

- Developed scripts in Python to test functions of wireless controllers with access points
- Pioneered a sanity testing suite with REST API for the Cloud project
- Automated the software upgrades for the Cloud using Python

## PROJECTS

Waterloo Scholarships (Swift)

- Parses and displays scholarships available at the University of Waterloo from the University of Waterloo API

- Ability to search through hundreds of scholarships and store the user's favourite scholarships to their phone
- Shipped to the App Store in March 2018

Student Pathways Challenge (React.js)

- Participated with a team of six in Student Pathways Challenge run by the government of Ontario
- Placed second out of more than 50 teams across Ontario and won a \$13,000 prize
- Allows students to compare their current progress to any possible pathway that leads to a specific job

## EDUCATION

University of Waterloo

*September 2013 –*

*Present*

Candidate for Bachelor of Computer Science

*Waterloo,*

*Ontario*

## ACTIVITIES AND INTERESTS

- Extramural ball hockey goalie with the University of Waterloo for the 2017-2018, 2018-2019 seasons
- Self-taught and practicing guitarist for over 11 years