

AQEEL KAMADIA

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SKILLS

Languages and Technologies

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

WORK EXPERIENCES

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
- Assisted with two React.js web applications and respective backends in Node.js

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)
- Wrote iOS unit and UI tests and localized the iPhone app

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
- Worked with issue tracking tools such as JIRA, Confluence, Crucible, GitBlit and Jenkins

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
- Working with a goal of shipping it to the App Store in 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

Candidate for Bachelor of Computer Science

September 2013 – Present

Waterloo, Ontario

ACTIVITIES AND INTERESTS

- Extramural ball hockey goalie with the University of Waterloo for the 2017-2018 season
- Self-taught and practicing guitar player for over 10 years