

Aqeel Kamadia

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SKILLS

Languages: Swift, Objective-C, Java, C, C++, Python, SQL, HTML/CSS, Scheme, MIPS assembly

Technologies: Git, Xcode, iOS SDK, Android Studio, Bash, Eclipse

WORK EXPERIENCES

iOS Developer

Zenith Insurance Company

January 2017 – April 2017

Woodland Hills, California

- Integrated calendar events and alarms with Swift 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

Mobile Developer

Intelligent Mechatronics Systems

May 2016 – August 2016

Waterloo, Ontario

- Migrated Objective-C code to Swift and improved efficiency of models and controllers
- Implemented telematics features in Swift and Objective-C with CoreLocation and equivalent features in Java
- 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

Computer Programmer

Extreme Networks

September 2015 – December 2015

Markham, Ontario

- 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
- Performed upgrades for the Cloud software and updated the database through CQL

PROJECTS

Tax Calculator (Swift)

- iPhone app that will automatically calculate tax based on location using API calls
- Allows user to enter multiple items and prices
- Roadmap to include product-specific tax in addition to regular sales tax

Monopoly Game (C++)

- Built using object-oriented programming style and design patterns
- Output is text in the shape of a Monopoly board
- Received a 97.5% on the project

Triangle Solver (C++)

- Program that solves a triangle given a few inputs
- User enters numbers until the triangle is solvable

EDUCATION

University of Waterloo

Waterloo, Ontario

Candidate for Bachelor of Computer Science

September 2013 – Present