MOHAMMAD **RAHCHAMANI**

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Summary

I started software development in school and participated in robotic competitions in school and university. Being curious about new technologies led me to learn multiple programming languages and paradigms which resulted in a strong foundation and an eye on software architecture and design patterns. Shipping readable, well-tested code is my passion. I like to reap the benefits of TDD and BDD to improve the stability of my code and deliver robust and reliable products.

Skills

Languages: Swift, Objective-C, Javascript, Python, Java, Kotlin, C, C++
Technologies: Foundation, UIKit, AutoLayout, SwiftUI, CoreData, CoreAnimation, CoreText, WidgetKit, WatchKit, ClockKit, HealthKit, CoreMotion, Combine, RxSwift, Realm, XCTest, Fastlane, Jenkins, CI/CD

Professional Experience

Rem
iOS Engineer

Vancouver, CA
Oct 2019 – Present

• Collaborated with product manager and designer to deliver the product
• Utilized latest frameworks to implement new features
• Implemented sleep detection algorithm on HealthKit data
• Delivered an iOS app, a watch app, and multiple widgets
• Developed backend services for authentication, data management, and subscription

Freelancer
Software Engineer

Tehran, IR
Apr 2017 – Oct 2019

• Led a team of 5 to build an AI-based trading bot for MetaTrader
• Coordinated with mechanical and electrical engineers to create autonomous machinery

Betternet
iOS Developer

Vancouver, CA
Mar 2016 – Nov 2016

• Implemented our custom VPN protocol on Hexatech iOS app
• Improved app stability through streamlining CI/CD pipeline with Jenkins
• Helped android team with code reviews and test automation process

Holimo
Tech Lead

Tehran, IR
May 2015 - Feb 2016

• Adapted socket programming to implement an online trivia game
• Implemented image processing algorithms on client app

ATD
Software Engineer

Tehran, IR
Dec 2013 – May 2015

• Organized five multi-platform mobile apps
• Motivated the team to develop internal tools and frameworks
• Trained new team members