Sina Rezazadeh

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sina3.github.io

iOS Developer

Summary

After years of experience in engineering and research, I decided to change course and pursue my life-long aspiration, programming. I have tirelessly worked the past year and a half teaching myself iOS development, gaining deeper understanding with each project. I am ready to work in a team developing innovative and scalable apps. I am a fast learner and eager to quickly adopt the tech stack at a new company.

iOS Apps

3MM, Three Men's Morris, a fun twist on the classic Tic Tac Toe — **Published to App Store**

Tools	XCode	MVC	UIKit

InstaPrep, Photo editing app for social media posts — Under development

Tools	Xcode	PhotoKit	Swift Package Manager

Concentration, Playing Card, EmojiArt, Tutorial Apps for CS193p — Completed

Learning Stack	MVC	Swift Data Structures	Multitouch	Drag&Drop	Animations	UIDocuments
	Multithreading	Persistence	Alert and Notifications	Universal App Development		

Recent Professional experience

Freelance learning and development — 2020 – 2021
Self, Toronto & Hamilton, Canada

- Used iOS SDK and to create various iOS Apps
- Self-taught basic Swift and iOS development principles
- Finished Stanford course CS193p - Developing Applications for iOS

Commissioning Agent — 2019 – 2020
VSC Group Inc., Toronto, Canada

- Provided commissioning and verification services to construction projects
- Developed detailed functional performance test procedures

Mechatronic Designer — 2016 – 2019
RoboLab, Shanghai, China

- Developed Robotic Spinal Surgical System capable of force sensing and control
- Used MATLAB and C++ to produce code for test and simulation applications

Education

Mechatronic Engineering, M.Sc. — 2015
Qazvin Azad University, Qazvin, Iran

Mechanical Engineering, B.Sc. — 2009
University of Guilan, Rasht, Iran

Skills

- Xcode
- iOS SDK
- Cocoa Design Patterns
- MVC
- UIKit
- Autolayout
- Github, Version Control
- App Store Connect
- RESTful APIs
- Swift Package Manager
- CoreMotion
- Core Graphics
- Multi-threading
- PhotoKit
- Human Interface Guidelines
- 3rd party SDKs and APIs
- MATLAB
- VS Code
- HTML, CSS
- CorelDRAW
- Figma