Isaac Perez

San Pedro, CA

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Technical Skills

- Programming Languages: Python, Java, Swift, C
- Databases: Firebase, MySQL
- Web Development: HTML, CSS, JavaScript
- Operating Systems: macOS, Windows OS
- Tools: Jet Brains Softwares, Git, Unix Terminal, Anaconda, Homebrew, XCode, CocoaPods, TestFlight, and App Store connect.

Experience

JANUARY 2020 – CURRENT

iOS Development: Personal

- Learned basics of Swift and XCode and how to use third party libraries to interact with code.
- Created small scale apps to learn the basics of MVC and storyboard.
- Published iOS fitness app call 'TeamUp: Find Your Game' to App Store.

JULY 2017 – JULY 2019

Mathematics Tutor: Boys and Girls Club, San Pedro CA

- Assisted students on a daily basis with their math homework (Algebra 1- AP Calculus).
- Created Saturday Study Sessions to prepare students for the SAT and ACT.
- Organized high school senior's portfolio to guide the process of them applying to college.

Projects

JANUARY 2020 – MAY 2020

Isaac's Pizza Planet: iOS Game

- Incorporated Apple's Sprite Kit API to create Scenes within the game.
- Organized data following MVC guidelines.
- In the process of publishing to Apple's App Store.

JUNE 2020 – CURRENT

TeamUp: iOS Fitness App

- Integrated Apple's frameworks including MapKit, UIKit and CoreLocation.
- Organized user data by incorporating Firebase within application.
- Currently in the App Store!

Education

AUGUST 2019 - DECEMBER 2021

B.S: Electrical Engineering and Computer Science

University of California, Berkeley

Relevant Coursework:
1. CS 61A: Structures and Interpretations of Computer Programs
2. CS 61B: Data Structures
3. CS 61C: Machine Structures
4. CS 70: Discrete Mathematics and Probability