Mitchell Sweet

Seeking a co-op in software engineering for summer 2020.

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github.com/msweet168

Education

Rochester Institute of Technology - Rochester, New York
B.S. in Web and Mobile Computing, Minor in Business Administration, **expected graduation spring 2021**. GPA 3.55

Skills and Languages

Proficient
- Swift/Objective-C
- HTML/CSS/Javascript
- Java/Kotlin
- MySQL
- Photoshop/Sketch

Actively Learning
- Node.js
- React
- PHP
- Python
- Apache Web Server

Achievements

- Two time winner of Apple Worldwide Developers Conference (WWDC) scholarship tickets for 2016 and 2017
- Earned the rank of Eagle Scout
- Dean's List 2016 – 2019
- RIT Presidential Scholarship

Experience

Apple
Software Engineer
May - December 2019

Worked on the Spotlight team and developed multiple features and enhancements to the Spotlight application for Mac and iOS. Prepared and delivered presentations for multiple projects. Participated in prototyping and design work for future releases. Worked with Swift and Objective-C.
apple.com

BFLO School
Software Engineer
January - May 2019

Worked for a startup on a three-person team creating a no tuition, project-based programming school. Helped develop internal student facing curriculum web application along with creating the iOS programming curriculum. Worked with React, Node.js, MySql, and Swift.
dev.bfloschool.com

Expensify
Mobile Engineer
May - December 2018

Worked on an eight person team to develop Expensify's mobile application for iOS and Android. Implemented improvements and multiple features, including a support page and image share extension. Worked with Swift, Objective-C, Java, Kotlin, and Javascript.
expensify.com

Projects

QuoteJar
Feb 2019 - Present

- Node.JS API and iOS application that enables groups of friends to store amusing quotes they say with each other.
- Powered by Node.JS HTTP RESTful API using MySql for data storage.
- iOS app allows user to create and join quote jars where quotes can be added, shared, and voted on by jar members.
- Written in Javascript and Swift. Uses MySQL database.
quotejar.io

Station Controller
April 2018

- Arduino sketch and iOS application that automate the station for a model roller coaster.
- Arduino controls motors for lift hill, dispatch system, and station gates. Also communicates with iOS device using bluetooth.
- Two part iOS app allows operator to control all aspects of station while allowing up to seven other iOS devices to connect using multipeer and control station gates and dispatch system with the guest UI.
- Written in C++ and Swift.
masprojects.site/stationcontroller

Music Playground
March 2017

- A Swift Playground that allows the user to easily create simple music by using three different shapes which each play a different part of a complete song.
- Written in Swift with SpriteKit, open source.
- **Winner of WWDC 2017 scholarship.**
github.com/msweet168/MusicPlayground

RIT Theme Park Enthusiasts Website
Dec 2017 - Present

- Official website of the Rochester Institute of Technology Theme Park Enthusiasts Club.
- Features informative public facing site showcasing club mission, eboard, events, and pictures.
- Members-only portal with profiles, newsfeed, club wide chat, and drive. Eboard members can edit member accounts and information on the public site.
- Written in PHP, HTML, CSS, and Javascript. Uses MySQL database. Open source.
github.com/msweet168/rittpe