Mitchell Sweet

Seeking a co-op in software engineering for summer 2019.

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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 fall 2020**. GPA 3.49

Skills and Languages

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

Actively Learning
- PHP
- Python
- Apache Web Server
- C#

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 - 2018
- RIT Presidential Scholarship

Experience

Expensify
Mobile Engineer
May - December 2018

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

App Coda
Mentor
June 2017 - Present

Write tutorials for App Coda, an iOS development blog with over 1 million monthly page views, on how to use iOS frameworks, such as CoreML and ReplayKit, and other developer tools, such as GitHub. Working with Swift, Xcode, and Markdown.
appcoda.com/author/mitchellsweet

Projects

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 ten 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

taskIt
Jan - Apr 2017

- A task manager that not only keeps track of, but also assists the user in completing their tasks.
- The user can add stand-alone tasks or events which group tasks for one specific purpose.
- The Hyper Focus feature helps the user stay on task by managing breaks and giving reminders to stay focused when iPhone is moved.
- Written in Swift.
apple.co/2ragJT9

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

Max Camp
Jan - Apr 2016

- An iOS application created for Maximum Travel Camp that provides communication on all destinations, scheduling, and points of interest.
- Utilized by staff, parents, and campers.
- Written in Objective-C.
- **Winner of WWDC 2016 scholarship.**
apple.co/2drzgbL

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