Steven J. Worrall

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EXPERIENCE

Software Engineer | Alpha and Omega Semiconductors | Sunnyvale, CA | | September 2018 – Present |
- Leading a team to redesign the front and backend of the company wide, customer-facing GUI.
- Architecting and implementing the structure of the new GUI utilizing MVVM and featuring full Unit testing covering both front and backend functionality.
- Working with and creating libraries that interact with HID devices to pass PMBUS commands to embedded systems in Python and C++

iOS / Software Engineer | Hi Dev Mobile | App examples on request | San Francisco, CA | | December 2018 – Present |
- Building and working on multiple iOS and Web projects, exposing to me to complex problems across various disciplines
- Utilizing various languages and frameworks such as: Swift, Python, Angular, Firebase, and Django
- Managing projects and interacting with clients in order to better prepare other engineers to build out desired products

iOS Engineer | OurJamz Inc. | No Longer on Appstore | San Jose, CA | | June 2018 – August 2018 |
- Developed a consumer facing app, centered around video sharing and streaming, utilizing MVVM framework
- Implemented third party integrations through Cocoapods to utilize Auth0 and RxSwift
- Interacted and consumed APIs using generics and JSON parsing coupled with URLSession and RxSwift
- Utilized Cache, CoreData, AVPlayer, AVCaptureDevice, UICollectionView and UITableView, etc.

Swift Workshop Lead | University of San Francisco | San Francisco, CA | | August 2017 – January 2018 |
- Coordinated with University Chairs to bring a Swift/iOS course to USF taught by myself and one other student
- Taught concepts spanning from the fundaments to implementing core features of Instagram to over 20 students

Teachers Assistant | University of San Francisco | San Francisco, CA | | August 2017 – May 2018 |
- Worked with students to aid in the learning of Python, graded coding assignments and projects following a rubric

Business Owner | Multiple Businesses | San Francisco, CA | | August 2014 – Present |
- Currently own and operate multiple businesses in various sectors such as: Automotive, Software Consulting, etc.
- Created and implemented marketing strategies and business plans to bring physical and digital products to market.

Financial Analyst Intern | ClearPath Capital Partners | San Francisco, CA | | May 2016 – August 2016 |
- Internship in Wealth Management prior to switching from a Finance Major to Computer Science in college

Published Writer, Photographer | Horizons Newspaper | Prescott, AZ | | Aug 2014 – Jan 2015 |

PROJECTS

Netflix Clone App | Side Project | Swift | github.com/StevenWorrall/Netflix_Clone |
- Recreated parts of the Netflix app to practice animations, MVC structure, and complex/nested UI structures.

PlateMate | Side Project | Swift | Currently in App Store Review Process |
- Built an app to make it easier to check if a personalize plate sequence is taken in California via injecting JS into the DMV website on a background WebKit instance.

Ronin Tax Saver | Hi Dev Mobile | Swift | No Longer on Appstore | imgur.com/a/7InkWum |
- Built an app to help independent contractors save for taxes. Utilized multiple third-party APIs such as Plaid.

RXMapper | Hi Dev Mobile | Angular, HTML, CSS, Python, Firebase | portal.rxmapper.com/ |
- Built and deployed full stack web app featuring user authentication, data visualization via D3.js, data processing.

SKILLS & INTERESTS

- **Languages:** Proficient in: Swift, Python, JavaScript, HTML, CSS. Familiar with: C, C++, Objective-C, Java.
- **Frameworks:** Cocoapods, SnapKit, RxSwift, Auth0, Firebase, Angular, Django, D3.js.
- **Interests:** UI/UX, data visualization, entrepreneurship, photography, car restoration, accomplished private pilot.

EDUCATION

University of San Francisco | San Francisco, CA | | December 2018 |
- BS Computer Science, Minor Business Administration
- Certificate of Data Acquisition for Analytics and Data Science