### EXperience

#### iOS ENGINEER • MACYS • JULY 2017 – CURRENT

* Integrated augmented reality experience for furniture shopping in the Macy’s app
* Built content browsing feature from scratch using the MVC architectural pattern
* Wrote wrapper around BMPlayer, an open source AVPlayer based video library to allow for browsing of relevant Macy’s products during full screen video playback
* Submitted changes to open source video library to fix defects and improve design
* Refactored legacy autocomplete service class into a service layer Cocoapod
* Refactored legacy UI code into an internal library to stay DRY and enable faster UI development for future features
* Built internal iOS app to benchmark open source image caching libraries
* Built custom ARKit augmented reality POC, used to benchmark third-party SDK’s
* Performed stability and performance profiling of third-party SDK’s using Xcode and Instruments to ensure low performance overhead and low crash rates
* Handled security stories and tasks as the security champion for the iOS team
* Conducted technical interviews for iOS engineering positions

#### iOS ENGINEER INTERN • MACYS • JUNE 2016 – AUGUST 2016

* Built and documented iOS 9 today widget for Macy’s and Bloomingdale’s that was used as a template for the current widget in production today
* Served as project manager and engineer/teacher for a team of seven interns to create a virtual make up try-on iOS application

#### iOS FREELANCER • AUGUST 2016 – FEBRUARY 2017

* Built debate tutoring app featuring authentication, user profiles, user matching based on preferences, appointment scheduling, rating system, local notifications and push notifications
* Ported existing iOS app database from Parse to Firebase

### Education

#### B.S. Computer Science • UC San Diego • June 2017

* GPA: 3.32

### Projects

#### [BM Health](https://itunes.apple.com/us/app/bm-health/id1358998423?mt=8) – iOS APP (SWIFT)

#### Built and released health app that allows users to create and save event logs

#### Used NSKeyedArchiver to save logs in documents directory of app sandbox

#### Built automatically generating graphs based on logs using the Charts OSS library

#### Implemented opt-in location tracking feature for logs built on top of Core Location