Paul Wallace

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# Experience

## iOS Engineer | Macys | July 2017 - Present

* Built augmented reality make up experience by leveraging a third-party AR SDK
* Integrated augmented reality experience for furniture shopping in the Macy’s app
* Built multimedia browsing feature for creative content using MVC architecture
* Wrote wrapper around open source AVPlayer video library allowing for dynamic display of Macy’s products in an overlay of the video
* Built internal iOS app to benchmark open source image caching libraries
* Refactored legacy service and UI classes into flexible CocoaPod modules

## 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

* Created debate tutoring app that matched students with teachers based on key metrics such as preferred types of debate, experience and availability
* Utilized Firebase to support authentication, push notifications and data persistence
* Ported existing iOS app database from Parse to Firebase

## iOS Engineer Intern | Education First | August 2016 – February 2017

* Built real time classroom iOS application by utilizing Firebase and iBeacons
* Worked on feature allowing for dynamic creation and administration of quizzes
* Built control module to give teachers override access of student apps
* Built attendance tracking feature by checking for nearby student’s devices through Bluetooth signals and iBeacons.

# Education

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