Paul Wallace

http://prwallace.com | https://github.com/PaulWall43

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EDUCATION

UC San Diego — *B.S. Computer Science*

September 2013 - June 2017
GPA: 3.4

EXPERIENCE

Macys.com, San Francisco — *Software Development Intern*

June 2016 - August 2016

- ❏ Served as **lean lab manager** of 7 technical and 2 business interns and **lead iOS developer** in creating a robust and scalable prototype of virtual try on makeup platform for the Macy's and Bloomingdale's native iOS applications, which resulted in an **at least 50%** decrease in clicks for similar flows
- ❏ As lab manager, coordinated communication with cross functional department leaders to develop full and extensive make up navigation, accuracy and omnichannel solution
- ❏ As lead iOS developer, integrated augmented reality vendor solution with Macy's iOS App to demonstrate basic features to executives
- ❏ Developed iOS today widget framework that allowed for code reuse and custom UI in the Macy's and Bloomingdale's iOS applications
- ❏ Decreased navigation time to Macy's and Bloomingdale's iOS app core features by 30% through design and development of new iOS today widget by utilizing a deep link interface
- ❏ Added iOS today widget customization feature to allow users to personalize their navigation experience through the settings page

Education First, Shanghai — *Software Development Intern*

June 2015 - August 2015

- ❏ Engineered reactively programmed mobile classroom application to solve problem of classroom retention in english learning classrooms
- ❏ Served as lead developer, product manager, quality engineer, quality assurance, UX designer and UI designer for classroom application
- ❏ Collaborated with lead UI and UX designers at Education First to create fluid, easy to understand user experience and charming UI
- ❏ Implemented and integrated 9 classroom related features
- ❏ Improved classroom security and accessibility through iBeacons

PERSONAL PROJECTS

Foodar — *Restaurant Recommendation iOS App*

https://itunes.apple.com/us/app/foodar/id1017200764?mt=8

- ❏ Launched application to App Store with over 100 downloads
- ❏ Implemented feature to automatically detect user location with Apple location services SDK and created API client to fetch restaurants from the Yelp API using user location and preferences
- ❏ Designed application architecture for efficient API calls, callback functionality and scalability

LEADERSHIP

Beta Theta Pi — *VP Communications*

November 2015 - Current

PROGRAMMING LANGUAGES

Java (Proficient)
Swift (Proficient)
Objective-C (Experience)
SQL (Experience)
Ocaml (Experience)
Python (Experience)
Scala (Exposure)
Javascript (Exposure)
HTML/CSS (Proficient)

TOOLS/LIBS

Unix (Proficient)
Git, Github (Proficient)
Xcode (Proficient)
Firebase (Experience)
Node.js (Exposure)

LANGUAGES

Chinese (Elementary Proficiency)

UI/UX DESIGN

Mock ups
Wireframing
A/B testing

Methodology

SCRUM
Agile development
ATDD
Design thinking