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

PROFESSIONAL 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 scalable prototype of virtual 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 lead iOS developer, integrated augmented reality vendor solution with Macy's iOS App to demonstrate basic features to executives
- ❏ Decreased navigation time to Macy's and Bloomingdale's iOS app core features by 30% through design and development of new iOS today widget

Education First, Shanghai — *Software Development Intern*

June 2015 - August 2015

- ❏ Served as **lead software engineer**, product manager, quality engineer, quality assurance, UX designer and UI designer for in-classroom application
- ❏ Used Firebase to implement asynchronous features like voting, chat room and remote teacher control that **work for 1000+ member audiences**
- ❏ Ensured **class security** by using iBeacons to determine information transfer

BuLeaf, San Diego — *Startup Co-Founder*

June 2015 - Current

- ❏ Serving as **co-founder** to build apps targeting undergraduate students
- ❏ Launched iOS app to aid in **restaurant discovery** and restaurant choosing
- ❏ Implemented **auto detection of user location** and **asynchronous network calls to the Yelp API** in order to quickly display data filtered by our analytics
- ❏ Implemented local analytics solution to provide **instant analytics** for users

Premier Debate — *Software Development Freelancer*

August 2015 - Current

- ❏ **Communicated with clients** to determine core features and create Mockup
- ❏ Built out **robust and scalable sign up system**, customizable through remote configuration without any application updates or code modifications
- ❏ Designed and **implemented custom scheduling system** in the backend for students to reserve time with tutors, able to handle 1000+ users
- ❏ Constructed **O(n) compatibility matching algorithm** for students and tutors

LEADERSHIP

Beta Theta Pi — *VP Communications*

November 2015 - Current

PROGRAMMING LANGUAGES

Skilled
- Java
- Swift
- HTML/CSS

Experienced
- Objective-C
- SQL
- Ocaml
- Python

Exposure
- Scala
- Javascript

TOOLS/LIBS

Skilled
- Unix
- Git, Github
- Xcode
- Firebase

Exposure
- Node.js

LANGUAGES

Elementary Level
- Chinese
- Spanish

UI/UX DESIGN
- Mock ups
- Wireframing
- A/B testing

METHODOLOGY
- SCRUM
- Agile development
- ATDD
- Design thinking