

# 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

### 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 2016 - Current

- ❑ **Communicated with clients** to design and develop iOS application with user matching and user scheduling features in **under one month**
- ❑ 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

### 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

## 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