

# Paul Wallace



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## Experience

**Education First – iOS Development Intern**      *Shanghai, China*      June – August 2015

- **Engineered, designed and presented**, with one other colleague, an innovative mobile prototype classroom application
- Used: *Swift | Objective-C | Xcode | Firebase | iBeacons | Design Patterns*
- **Developed** the back-end, **front-end**, database structure, application architecture and **UI and UX** with lead mobile architect, QA tester and Education First Designer
- Utilized **Apple maps SDK** and the **Firebase API** for innovative live updating features

## Education

**University of California San Diego – B.S Computer Science**      September 2013 – Current

**GPA: 3.412**

Provost Honors – UCSD

## Skills

**My box of skills**

Languages	Tools/Libs/Misc	Coursework
<ul style="list-style-type: none"><li>• <b>Swift</b></li><li>• <b>Objective-C</b></li><li>• <b>Java</b></li><li>• <b>HTML5</b></li><li>• <b>CSS3</b></li><li>• JavaScript</li><li>• C/C++</li><li>• Chinese</li></ul>	<ul style="list-style-type: none"><li>• <b>Xcode</b></li><li>• <b>Wordpress</b></li><li>• UI and UX Design</li><li>• Eclipse</li><li>• Vim/Mvim/Gvim</li><li>• Firebase</li><li>• Unix</li></ul>	<ul style="list-style-type: none"><li>• Intro to programming</li><li>• Basic Data Structures</li><li>• Advanced Data Structures</li><li>• Theory of Computability</li><li>• Computer organization and systems</li></ul>

## Projects

**[www.prwallace.com](http://www.prwallace.com)** – Website

*HTML5, CSS3, JavaScript*

**Tether** – iOS Application

*Swift, Objective-C, Xcode, Firebase, iBeacons, Apple Maps SDK, JSON*

- **Created** mobile application **from scratch** and **demonstrated** creative new ideas for classroom teaching (more info on my LinkedIn profile: <http://linkedin.com/in/paulwall43>)
- Developed **reactively programmed** system for all application modules

**Foodar** – iOS Application

*Swift, Xcode, Yelp API*

- **Developed** idea and system architecture for finding and selecting restaurants within location
- **Implemented** core functionalities and **UI** related to location finding and restaurant finding
- **Designed** and customized **UX/UI** for **entire application**

**Me** – iOS application

- **Created idea** and open source prototype of ageing documentation application
- Updated regularly on [www.github.com/PaulWall43](https://www.github.com/PaulWall43)

**Triton Battles** – Web Application

*HTML5, CSS3, JavaScript, Mongo DB, OAuth2, Jasmine, Phantom.js, Karma, Node.js, Express.js*

- **Engineered** core functionality using *HTML, CSS and JavaScript*
- Utilized custom database API to fetch and retrieve info for the website
- **Extensively tested** the application to ensure high quality using *Karma and Jasmine*