Paul Wallace

pw

Email: paulrwall@gmail.com
Github: www.github.com/PaulWall43
Website: www.prwallace.com
Phone: (510)-432-7144

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
• **Swift** • **Objective-C** • **Java** • **HTML5** • **CSS3** • JavaScript • C/C++ • Chinese	• **Xcode** • **Wordpress** • UI and UX Design • Eclipse • Vim/Mvim/Gvim • Firebase • Unix	• Intro to programming • Basic Data Structures • Advanced Data Structures • Theory of Computability • Computer organization and systems

Projects

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**
OpenSourceVoting - iOS Open Source Module
Swift, Xcode, Firebase
- • **Engineered** voting system for easy use https://github.com/PaulWall43/OpenSourceVoting
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*