Paul Wallace

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GitHub: https://github.com/PaulWall43 | **LinkedIn:** https://www.linkedin.com/in/paulwall43

Education

University of California San Diego   *September 2013 – June 2017*

- ❖ Major: B.S. Computer Science
- ❖ GPA: 3.4
- ❖ Provost Honors

Experience

iOS Software Engineering Intern – Education First   *June 2015 – August 2015*

- ❖ Designed and engineered reactively programmed classroom application from scratch.
- ❖ Utilized Swift and Objective-C to create a modern app with the stability of Objective-C.
- ❖ Researched and utilized Firebase as a backend for quick development and great speed.
- ❖ Worked with UI and UX designers to create a fluid and dynamic application.
- ❖ Took advantage of the Apple Maps SDK for convenient and innovative location features.
- ❖ Improved classroom communication and privacy through the use of iBeacons.
- ❖ Effectively communicated with English limited diverse team to quickly develop large app.

Projects

Foodar - iOS   *http://prwallace.com*
- ❖ Developed idea for finding and selecting nearby restaurants and configured application architecture for efficient API calls and subsequent manipulation of return data. Code available upon request*.
- ❖ Integrated system modules effectively in order to improve user experience.
- ❖ Implemented core filter functionality related to location finding and restaurant finding based on user input.

Tether - iOS   *http://prwallace.com*
- ❖ Designed, implemented, integrated, and tested comprehensive classroom application.

Open Source Voting – iOS   *https://github.com/PaulWall43/OpenSourceVoting*
- ❖ Engineered an open-source voting module for iOS developers to use for free.
- ❖ Utilizes Firebase (noSQL MBaaS) for fast, reactive updates, easy customization and great scalability.

Go - Java   *https://github.com/PaulWall43/Go*
- ❖ Used structured design and object oriented programming tactics to build a reliably fast platform for Go to be played on. Currently planning to implement a basic AI on my own platform by using a combination of mini-max evaluations and deep learning.

Skills

Languages	**Tools/Libs/Misc**	**Coursework (*ongoing)**
❖ Java	❖ UNIX	❖ Advanced Data Structures
❖ Swift	❖ Git/GitHub	❖ Server Side Applications*
❖ Objective-C	❖ Xcode	❖ Computer Organization and Systems
❖ Python	❖ Firebase	❖ Discrete Mathematics
❖ C/C++	❖ Sublime/Vim	❖ Intro to Artificial Intelligence
❖ HTML5/CSS3	❖ Node.js	❖ Design and Analysis of Algorithms
❖ JavaScript	❖ Tomcat	❖ Software Engineering
❖ SQL	❖ Wordpress	❖ Programming Paradigms*

Leadership

Vice President of Communications – Beta Theta Pi   *https://ucsdbeta.com*