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|  |  | EducationUniversity of California San Diego *September 2013 – June 2017*  * Major: B.S. Computer Science * GPA: 3.4 |
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|  |  | ExperienceIOS Software Engineering Intern – Macy’s *June 2016 – Current*  * Planned, researched, prototyped executed and presented a new widget for the Macy’s and Bloomingdale’s applications, to be included in next release * Created embedded frameworks within application to allow for code sharing (DRY) between different binaries * Further designed and documented possible complex yet effective and functional prototype widgets  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. |

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|  |  | ProjectsFoodar - 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. Currently in beta testing (test flight). * Integrated system modules effectively in order to improve user experience. * Implemented core filter functionalityrelated to location finding and restaurant finding based on user input.  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 |

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|  |  | Skills  |  |  |  | | --- | --- | --- | | **Languages**   * Java * Swift * Objective-C * SQL * Ocaml * Python * Scala * JavaScript | **Tools/Libs/Misc**   * UNIX * Git/GitHub * Xcode * Firebase * Sublime/Vim * Tomcat * Eclipse * Postgres | **Coursework**   * Advanced Data Structures * Server Side Applications * Computer Organization and Systems * Discrete Mathematics * Intro to Artificial Intelligence * Design and Analysis of Algorithms * Software Engineering * Programming Paradigms | |

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