**Education** University of California, Irvine - **3.250**  Graduating June 2013

* + - BS in Electrical Engineering - **3.208**
    - BS in Business Information Management - **3.892**

**Technical** Java, PHP, MySQL, HTML5, CSS3, JavaScript, Android, Python, C/C++

**Experience Back End Developer**  Jan 2013 - Present

*UC Irvine Calit2 – Plant Guild Composer*

* + - Developing a web application to optimize plant dependencies
    - Learning Backbone.js, Node.js, MongoDB, jQuery, HTML, CSS3,

**Software Developer** Jun 2012 – Sep 2012

*UCLA Wireless Health Institute – WANDA*

* + - Developed application to monitor the risk of cardiovascular disease in patients
    - Used Android, Google App Engine, Python, REST, Chart API, Bluetooth

**Mobile Software Engineer and Designer** Jun 2011 – Jun 2012

*UCI eHealth Callabratory – PainBuddy*

* + - Developed multiplatform application for pediatric oncology patients
    - Used full LAMP stack: Linux, Apache, MySQL, PHP; jQuery Mobile
    - Deployed Native Web App on Android, iPad and iPhone.

**Software Lead** Sept 2010 – Jun 2011

*UCI Integrated Nanosystems Research Facility – TempSense RFID Tag*

* + - Developed RFID mobile app and RFID tag to track blood bag temperatures
    - Used Windows CE, EagleCAD, Visual Basic, C#, Circuit Design

**Systems Engineering Intern** Jun 2010 – Sept 2010

*Thales Avionics In Flight Entertainment*

* + - Performed quality assurance testing on in flight entertainment systems
    - Collaborated with AirCanda and Japan Airline customers to ensure quality

**Projects** **ESCan** – *esc.eng.uci.edu/escan*Feb 2012 + Feb 2013

* + - Recognized a need for tracking over 1000 participants at E-Week
    - Developed ESCan in 5 weeks using full LAMP stack.

**VidSocially** – *vidsocially.com* Jan 2013

* + - Developed new YouTube commenting system
    - Won 3rd place in LA Google TV + YouTube Hackathon

**InstaTrip**– *seantburke.com/instatrip* Jan 2013

* + - Developed instant postcard system
    - Won 2nd and 3rd place from Sincerely and PhotoFlash at Facebook Hackathon

**Leadership** President – Engineering Student Council 2011-2012

Resident Advisor – UCI Housing Middle Earth 2012-2013

UCI Graduation Commencement Speaker 2013