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| **Education** | **University of California, Irvine** - GPA: 3.222 | **June 2013** |
|  | * Bachelor of Science in Electrical Engineering * Bachelor of Science in Business Information Management |  |
| **Technical** | **Software Skills** |  |
|  | * Advanced knowledge: *Android, PHP, Java, HTML, CSS, MySQL, jQuery* * Websites Developed: [*seantburke.com*](http://seantburke.com)*,* [*sigmanuuci.com*](http://www.sigmanuuci.com)*,* [*esc.eng.uci.edu/escan*](http://esc.eng.uci.edu/escan)*,* [*esc.eng.uci.edu*](http://esc.eng.uci.edu) | |
|  |
| **Electrical Skills** |  |
| * Instruments: *Soldering Iron, Digital Multi-Meter, Oscilloscope,* *Microcontrollers* | |
| **Experience** | **Systems Engineer Intern *–*** Thales Avionics | Jun 2010 - Sep 2010 |
|  | * Performed Final Systems Acceptance Testing before the customer * Responsible for working with the customer, Air Canada, to ensure a quality product * Worked with Airbus and Boeing configurations for Japan Air, Air Canada and more | |
| **Undergraduate Researcher *–*** Calit2 & INRF | Jun 2010 – Present |
| * Mentored Java video game development to 2 high school students * Developing an Android application for pediatric patients experiencing chemotherapy   + Funded by the National Institute for Health (NIH) * Developed RFID tracking technology for improving the medical industry   + Funded by the National Science Foundation (NSF) | |
| **Student Technician/IT Consultant *–*** Claire Trevor School of the Arts | Oct 2008 – Present |
| * Assisting faculty and students with computer-related, technical problems * Providing technical service to all 1000+ staff and students in the Claire Trevor School of the Arts * Improving skills in technical troubleshooting and customer service | |
| **Leadership** | **President -** Engineering Student Council | Apr 2011 – Present |
|  | * Managing the official student government of the Henry Samueli School of Engineering * Overlooking all Engineering Student Organizations within the Engineering School * Managing an organization with 5 executive members, 16 cabinet members and 134 members overall * Working directly with faculty and staff to host events which benefit the engineering community * Improving skills in professional networking, team leadership and relationship management * Hosted National Engineers Week 2012 with over 1200 participants and a budget of over $30,000 | |
| **Corporate Affairs Co-Chair -** Engineering Student Council | Apr 2010 - Apr 2011 |
| * Hosted the annual EngiTECH Career Fair with revenue of $25,000 * Contacted companies and sponsors to donate and attend the EngiTECH Career Fair * Managed a committee of 20 members to delegate duties | |
| **Scholar -** University of California Leadership Excellence through Advance Degrees | Apr 2010 - Apr 2011 |
| * Funded to conduct research for the University of California * Pursuing an advanced degree in Computer Science * Attend conferences to present current research |  |
| **Other Organizations** | |
| * Engineers Mentoring the Future **–** *Mentored 3 individual mentees* | Sep 2010 – Present |
| * Institute of Electrical and Electronics Engineers – *Active member* | Jan 2010 – Present |
| * Sigma Nu Fraternity, Inc. – *Webmaster for a 400+ user login PHP website* | Feb 2009 – Present |
| **Awards** | **Scholarships** |  |
|  | * $2,666 + $3,001 - Smart Grant-National Science & Mathematics | 2009 + 2010 |
| * $7,500 + $4,650 - Oracle Community Impact Grant | 2010 + 2011 |
|  | * $1,500 - UCI Alumni Association Distinguished Anteater Award | 2011 |
|  | * $9,500 - Boeing Scholarship Recipient | 2011 |
|  | **Awards** |  |
|  | * Deans Honor List | 2011 Fall |