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| **Education** | **University of California, Irvine** - GPA: 3.184 | **June 2013** |
|  | * Bachelor of Science in Electrical Engineering * Bachelor of Science in Business Information Management |  |
| **Technical** | **Software Skills** |  |
| **Skills** | Languages:   * Advanced*: Object Oriented PHP, Java, Visual Basic, HTML, CSS* * Intermediate*: Android, MySQL, C++, C, HSPICE, Actionscript 3.0,* * Beginner: *VHDL, Matlab, Python,* * Websites Developed: [*http://www.seantburke.com*](http://www.seantburke.com)*,* [*http://www.sigmanuuci.com*](http://www.sigmanuuci.com)*,* [*http://esc.eng.uci.edu/*](http://esc.eng.uci.edu/) | |
|  |
| **Electrical Skills** |  |
| * Instruments: *Soldering Iron, Digital Multi-Meter, Oscilloscope,* *Microcontrollers* | |
| **Experience** | **Thales Avionics** *Irvine, CA* | June-Sept 2010 |
|  | *Position:***Systems Engineer Intern *– Full-time*** |  |
| * Performed Final Systems Acceptance Testing before the customer * Gained knowledge in large scale server networks * Worked with Airbus and Boeing configurations for Japan Air, Air Canada and more * Troubleshot 5+ systems for wiring issues, network problems and power failures | |
| **MIDAS Laboratory (Li-Bachman Lab)** *Irvine, CA* | June 2010 - Present |
| *Position:* **Undergraduate Researcher *– Part-time*** |  |
| * Developed RFID technology for improving the medical industry * Taught Java video game development to high school students * Wrote Visual Basic RFID reader application * Developing Android application for cancer patients | |
| **Claire Trevor School of the Arts** *Irvine, CA* | Oct 2008–Present |
| *Position:* **Student Technician/IT Consultant *– Part-time*** |  |
| * 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 troubleshooting and customer service | |
| **Leadership** | **Engineering Student Council** *Irvine, CA* | Sep 2009–Present |
|  | *Position:***Executive Board - President** | 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 14 cabinet members and 95 members overall * Working directly with faculty to host events which benefit the engineering community * Improving skills in professional networking, team leadership and management | |
| *Position:***Cabinet Member - Corporate Affairs Co-Chair** | 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 * Improved skills in database management, event planning and customer relations | |
| **Other Organizations** |  |
| * Engineers Mentoring the Future **–** *Mentor for two underclassmen* | 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** | **Awards and Scholarships** | Feb 2009–Present |
|  | * Smart Grant-National Science & Mathematics * Oracle Community Impact Grant * UCI Alumni Association Distinguished Anteater Award * UC Leadership Excellence through Advanced Degrees Scholar | 2009 & 2010  2010 & 2011  2011  2011 |