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| --- | --- | --- |
| **Education** | **University of California, Irvine** - 3.249 Overall GPA | **June 2013** |
|  | * Bachelor of Science in Electrical Engineering – **3.245 GPA** * Bachelor of Science in Business Information Management – **3.422 GPA** |  |
| **Technical** | **Software Skills** |  |
|  | * Advanced knowledge: *Android, PHP, Java, HTML, CSS, SQL, 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, EagleCAD* | |
| **Experience** | **Systems Engineer Intern *–*** Thales Avionics In-Flight Entertainment | Jun 2010 - Sep 2010 |
|  | * Performed Final Systems Acceptance Testing before the customer * Responsible for collaborating with the customer, Air Canada, to ensure a quality system * Worked with Airbus and Boeing configurations for Japan Air, Air Canada and more | |
| **Undergraduate Researcher *–*** UC Irvine + UCLA | Jun 2010 – Present |
| * Awarded the March 2012 Researcher of the Month Award * Awarded the 2012 Chancellor’s Award for Excellence in Undergraduate Research * Mentored 2 high school students in Java game development * Developed a multi-platform mobile application for pediatric oncology patients (Funded by NIH) * Developed smart RFID tracking technology for blood bag transportation (Funded by NSF) * Developing an Android wireless health monitoring system for tracking activity in heart failure patients | |
| **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 |
|  | * Managed an organization with 5 executive members, 16 cabinet members and 134 members overall * Improved skills in professional networking, team leadership and relationship management * Hosted National Engineers Week 2012 with over 1200 participants, 62 companies, and 6 sponsors with a budget of over $40,000 * Won the 2012 Anteater Award for Most Outstanding Annual Event out of 600+ other organizations * Nominated for Anteater Award’s Top 5 Best Presidents | |
| **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 | May 2011 - Jun 2013 |
| * Funded to conduct research for the University of California * Pursuing an advanced degree in Computer Science * Attending conferences to present current research |  |
| **Other Organizations** | |
| * Engineers Mentoring the Future **–** *Mentored 3 individual undergraduates* | Sep 2010 – Present |
| * Institute of Electrical and Electronics Engineers – *Active member* | Jan 2010 – Present |
| * Sigma Nu Fraternity, Inc. – *Webmaster of 400+ user login PHP website* | Feb 2009 – Present |
| **Awards** | **Scholarships** |  |
|  | * $2,666 & $3,001 Smart Grant-National Science & Mathematics | 2009 & 2010 |
| * $4,650 & $7,500 Oracle Community Impact Grant | 2010 & 2011 |
|  | * $1,500 UCI Alumni Association Distinguished Anteater Award | 2011 |
|  | * $9,500 Boeing Scholarship Recipient | 2011 |
|  | * $2,500 Innovation Award for Paul Merage Business Plan Competition | 2012 |
|  | Deans Honor List: Fall 2011, Spring 2012 |  |