Sean Thomas Burke

sean@seantburke.com | http://www.seantburke.com/ | (949) 371-9225

Education   **University of California, Irvine –** 3.215 Overall GPA   **June 2013**
- Bachelor of Science in Electrical Engineering – **3.209 GPA**
- Bachelor of Science in Business Information Management – **3.484 GPA**

Technical   **Software Skills**
- Languages: *Android, PHP, Java, HTML, CSS, SQL, jQuery, Javascript, AJAX,*
- Websites: *seantburke.com, sigmanuuci.com, esc.eng.uci.edu/escan, memebro.com*

Experience   **Resident Advisor –** Middle Earth Housing Community at UC Irvine   Jun 2012 – Jun 2013
- Supervising the Undergraduate Research Opportunities Program themed Hall
- Building community and mentoring 80 first year residents interested in research
- Planning professional and social programs to develop residents into community leaders

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 – Jun 2013
- 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 mobile application for pediatric oncology patients (Funded by NIH)
- Developed RFID temperature sensor and software for blood bags (Funded by NSF)
- Developed an Android wireless health monitoring system for chronic diseases (UCLA)

Student Technician/IT Consultant – Claire Trevor School of the Arts   Oct 2008 – Jun 2013
- Providing technical service to faculty, staff and students
- Improving skills in technical troubleshooting and customer service

Leadership   **President –** Engineering Student Council   Apr 2011 – Apr 2012
- Managed an organization with 4 executive, 20 cabinet and 134 members overall
- Hosted National E-Week 2012 with over 1200 participants, 62 companies, and 6 sponsors
- Managed a budget of over $40,000 for E-Week
- Awarded 2012 Anteater Award for Most Outstanding Annual Event on campus
- Nominated for 2012 Anteater Award's Top 5 Best Presidents on campus

Corporate Affairs Co-Chair – Engineering Student Council   Apr 2010 – Apr 2011
- Hosted the annual EngiTECH Career Fair with revenue of $25,000
- Contacted company's human resource directors and corporate sponsors
- Managed a committee of 20 members to delegate duties

Scholar – UC Leadership Excellence through Advance Degrees Program   May 2011 – Jun 2013
- Pursuing an advanced degree in Computer Science
- Funded to attend research conferences and to conduct research

Other Organizations
- Engineers Mentoring the Future – *Mentored 3 individual undergraduates*   Sep 2010 – Jun 2012
- Institute of Electrical and Electronics Engineers – *Active member*   Jan 2010 – Jun 2012
- Sigma Nu Fraternity, Inc. – *Webmaster of 400+ user login PHP website*   Feb 2009 – Jun 2012
- Anteater Ambassadors Network – *Ambassador for UCI donor events*   Aug 2012 – Jun 2013
- Honors Informatics & Computer Science Program - *Scholar*   Sep 2012 – Jun 2013

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   2011 & 2012