

# Sean Thomas Burke

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<b>Education</b>	<b>University of California, Irvine</b> - 3.249 Overall GPA • Bachelor of Science in Electrical Engineering – <b>3.245 GPA</b> • Bachelor of Science in Business Information Management – <b>3.422 GPA</b>	<b>June 2013</b>
<b>Technical</b>	<b>Software Skills</b> • Languages: <i>Android, PHP, Java, HTML, CSS, SQL, jQuery, Javascript, AJAX, Visual Basic</i> • Websites: <i>seantburke.com, sigmanuuci.com, esc.eng.uci.edu/escan, memebro.com</i> <b>Electrical Skills</b> • Instruments: <i>Soldering Iron, Digital Multi-Meter, Oscilloscope, Microcontrollers, EagleCAD</i>	
<b>Experience</b>	<b>Systems Engineer Intern</b> – <u>Thales Avionics In-Flight Entertainment</u> • 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 <b>Undergraduate Researcher</b> – <u>UC Irvine + UCLA</u> • 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 and Windows CE reader application for blood bags • Developed an Android wireless health monitoring system for tracking activity in heart failure patients <b>Student Technician/IT Consultant</b> – <u>Claire Trevor School of the Arts</u> • 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	Jun 2010 – Sep 2010 Jun 2010 – Present Oct 2008 – Present
<b>Leadership</b>	<b>President</b> - <u>Engineering Student Council</u> • 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 <b>Corporate Affairs Co-Chair</b> - <u>Engineering Student Council</u> • 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 <b>Scholar</b> - <u>University of California Leadership Excellence through Advance Degrees</u> • Pursuing an advanced degree in Computer Science • Attending research conferences to present current research <b>Other Organizations</b> • Engineers Mentoring the Future – <i>Mentored 3 individual undergraduates</i> • Institute of Electrical and Electronics Engineers – <i>Active member</i> • Sigma Nu Fraternity, Inc. – <i>Webmaster of 400+ user login PHP website</i>	Apr 2011 – Apr 2012 Apr 2010 - Apr 2011 May 2011 - Jun 2013 Sep 2010 – Jun 2012 Jan 2010 – Jun 2012 Feb 2009 – Jun 2012
<b>Awards</b>	<b>Scholarships</b> • \$2,666 & \$3,001 Smart Grant-National Science & Mathematics • \$4,650 & \$7,500 Oracle Community Impact Grant • \$1,500 UCI Alumni Association Distinguished Anteater Award • \$9,500 Boeing Scholarship Recipient • \$2,500 Innovation Award for Paul Merage Business Plan Competition <b>Honors</b> • Deans Honor List: Fall 2011, Spring 2012 • Honors Informatics & Computer Science Scholar	2009 & 2010 2010 & 2011 2011 2011 2012 2011 & 2012

Last Update: 1/16/2013

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