

Sean Thomas Burke

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(949) 371-9225

Education	University of California, Irvine - 3.249 Overall GPA	June 2013
	<ul style="list-style-type: none">• Bachelor of Science in Electrical Engineering – 3.245 GPA• Bachelor of Science in Business Information Management – 3.422 GPA	
Technical	Software Skills <ul style="list-style-type: none">• Advanced knowledge: <i>Android, PHP, Java, HTML, CSS, SQL, jQuery</i>• Websites Developed: seantburke.com, sigmanuuci.com, esc.eng.uci.edu/escan, esc.eng.uci.edu Electrical Skills <ul style="list-style-type: none">• Instruments: <i>Soldering Iron, Digital Multi-Meter, Oscilloscope, Microcontrollers, EagleCAD</i>	
Experience	Systems Engineer Intern – <u>Thales Avionics In-Flight Entertainment</u> <ul style="list-style-type: none">• 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 – <u>UC Irvine + UCLA</u> <ul style="list-style-type: none">• 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 – <u>Claire Trevor School of the Arts</u> <ul style="list-style-type: none">• 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	Jun 2010 - Sep 2010 Jun 2010 – Present Oct 2008 – Present
Leadership	President - <u>Engineering Student Council</u> <ul style="list-style-type: none">• 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 - <u>Engineering Student Council</u> <ul style="list-style-type: none">• 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 - <u>University of California Leadership Excellence through Advance Degrees</u> <ul style="list-style-type: none">• Funded to conduct research for the University of California• Pursuing an advanced degree in Computer Science• Attending conferences to present current research Other Organizations <ul style="list-style-type: none">• 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 – Present Apr 2010 - Apr 2011 May 2011 - Jun 2013 Sep 2010 – Present Jan 2010 – Present Feb 2009 – Present
Awards	Scholarships <ul style="list-style-type: none">• \$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 Deans Honor List: Fall 2011, Spring 2012	2009 & 2010 2010 & 2011 2011 2011 2012

Last Update: 7/20/2012

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