

Sean Thomas Burke

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URL: <http://www.seantburke.com/>

Education	University of California, Irvine	June 2013
	Bachelor of Science in Electrical Engineering GPA: 3.184 Bachelor of Science in Business Information Management Awards and Fellowships 2009 Smart Grant-National Science & Mathematics—\$2,666 2010 Smart Grant-National Science & Mathematics—\$3,001 2010 Oracle Community Impact Grant—\$4,650 2011 Oracle Community Impact Grant—\$7,500 2011 UCI Alumni Association Distinguished Anteater Award—\$1,500 2011 UC Leadership Excellence Through Advanced Degrees Fellow—\$3000	
Technical Skills	Software Skills Languages: <ul style="list-style-type: none">• Advanced: <i>Object Oriented PHP, Java, Visual Basic, HTML, CSS</i>• Intermediate: <i>Android, MySQL, C++, C, HSPICE, Actionscript 3.0,</i>• Beginner: <i>VHDL, Matlab, Python,</i> Websites Developed: http://www.seantburke.com , http://www.sigmanuuci.com , http://esc.eng.uci.edu/ Electrical Skills <ul style="list-style-type: none">• Instruments: <i>Soldering Iron, Digital Multi-Meter, Oscilloscope, Microcontrollers</i>• Projects: <i>2-way Amplified Intercom, 3-bit Flash ADC, Smart RFID Devices</i>	
Experience	MIDAS Laboratory (Li-Bachman Lab) Irvine, CA	June 2010 - Present
	Undergraduate Researcher – Part-time <ul style="list-style-type: none">• 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	
	Thales Avionics Irvine, CA	June-Sept 2010
	Systems Engineer Intern – Full-time <ul style="list-style-type: none">• 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• Troubleshoot 5+ systems for wiring issues, network problems and power failures	
	Claire Trevor School of the Arts Irvine, CA	Oct 2008–Present
Activities	Student Technician/IT Consultant – Part-time <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 troubleshooting and customer service	
	Engineering Student Council Irvine, CA	Sep 2009–Present
	Executive Board - President	Apr 2011–Present
	<ul style="list-style-type: none">• 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	
	Cabinet Member - Corporate Affairs Co-Chair	Apr 2010–Apr 2011
	<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• Improved skills in database management, event planning and customer relations	
	Other Organizations <ul style="list-style-type: none">• Engineers Mentoring the Future – <i>Mentor for two underclassmen</i>• Institute of Electrical and Electronics Engineers – <i>Active member</i>• Sigma Nu Fraternity, Inc. – <i>Webmaster for a 400+ user login PHP website</i>	Sep 2010–Present Jan 2010–Present Feb 2009–Present