Sean Thomas Burke

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Education	**University of California, Irvine** - GPA: 3.215	**June 2013**

• Bachelor of Science in Electrical Engineering
• Bachelor of Science in Business Information Management

Technical Skills

Software Skills
Languages:
• Advanced (3+ years)*: PHP, Java, HTML, CSS, MySQL, jQuery*
• Intermediate (1-2 years)*: Android, Visual Basic, C++, C, Objective C*
• Beginner (1 year): *VHDL, Matlab, Python, HSPICE, Actionscript 3.0,*
• Websites Developed: *http://www.seantburke.com, http://www.sigmanuuci.com, http://esc.eng.uci.edu/*

Electrical Skills
• Instruments: *Soldering Iron, Digital Multi-Meter, Oscilloscope, Microcontrollers*

Experience

Thales Avionics *Irvine, CA*   June-Sept 2010
Position: **Systems Engineer Intern – *Full-time***
• 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
• Troubleshot 5+ systems for wiring issues, network problems and power failures

MIDAS Laboratory (Li-Bachman Lab) *Irvine, CA*   June 2010 - Present
Position: **Undergraduate Researcher – *Part-time***
• Developing Android application for cancer patients
• Developing Android accessories for medical monitoring
• Developed RFID tracking technology for improving the medical industry
• Mentored Java video game development to 2 high school students

Claire Trevor School of the Arts *Irvine, CA*   Oct 2008–Present
Position: **Student Technician/IT Consultant – *Part-time***
• 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

Engineering Student Council *Irvine, CA*   Sep 2009–Present
Position: **Executive Board - President**   Apr 2011–Present
• 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 project management
Position: **Cabinet Member - Corporate Affairs Co-Chair**   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

Other Organizations
• Engineers Mentoring the Future – *Mentor for two underclassmen*   Sep 2010–Present
• Institute of Electrical and Electronics Engineers – Active member   Jan 2010–Present
• Sigma Nu Fraternity, Inc. – Webmaster for a 400+ user login PHP website   Feb 2009–Present

Awards

Awards and Scholarships   Feb 2009–Present
• Smart Grant-National Science & Mathematics   2009 & 2010
• Oracle Community Impact Grant   2010 & 2011
• UCI Alumni Association Distinguished Anteater Award   2011
• UC Leadership Excellence through Advanced Degrees Scholar   2011
• Boeing Scholarship Recipient   2011