Sean Thomas Burke

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Education **University of California, Irvine** - 3.210 Overall GPA   **June 2013**
- Bachelor of Science in Electrical Engineering – **3.211 GPA**
- Bachelor of Science in Business Information Management – **3.460 GPA**

Technical **Software Skills**
- Advanced knowledge: *Android, PHP, Java, HTML, CSS, MySQL, jQuery*
- Websites Developed: *seantburke.com, sigmanuuci.com, esc.eng.uci.edu/escan, esc.eng.uci.edu*

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

Experience **Systems Engineer Intern –** Thales Avionics   Jun 2010 - Sep 2010
- Performed Final Systems Acceptance Testing before the customer
- Responsible for working with the customer, Air Canada, to ensure a quality product
- Worked with Airbus and Boeing configurations for Japan Air, Air Canada and more

Undergraduate Researcher – Calit2 & INRF   Jun 2010 – Present
- Mentored Java video game development to 2 high school students
- Developing an Android application for pediatric patients experiencing chemotherapy
  - Funded by the National Institute for Health (NIH)
- Developed RFID tracking technology for improving the medical industry
  - Funded by the National Science Foundation (NSF)

Student Technician/IT Consultant – Claire Trevor School of the Arts   Oct 2008 – Present
- 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 **President -** Engineering Student Council   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, 16 cabinet members and 134 members overall
- Working directly with faculty and staff to host events which benefit the engineering community
- Improving skills in professional networking, team leadership and relationship management
- Hosted National Engineers Week 2012 with over 1200 participants and a budget of over $40,000

Corporate Affairs Co-Chair - Engineering Student Council   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

Scholar - University of California Leadership Excellence through Advance Degrees   Apr 2010 - Apr 2011
- Funded to conduct research for the University of California
- Pursuing an advanced degree in Computer Science
- Attending conferences to present current research

Other Organizations
- Engineers Mentoring the Future **–** *Mentored 3 individual mentees*   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 **Scholarships**
- $2,666 + $3,001   Smart Grant-National Science & Mathematics   2009 + 2010
- $7,500 + $4,650   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   2011 Fall