Sean Thomas Burke

Permanent: 4527 Fairway Court, Livermore, CA 94551
Phone: (949) 371-9225
Email: sean.thomas.burke@gmail.com
URL: http://www.seantburke.com/

Education

University of California, Irvine - GPA: 3.215   **June 2013**
- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Business Information Management

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 – Full-time   Jun 2010 - Sep 2010
Thales Avionics *Irvine, CA*
- 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 – *Part-time*   Jun 2010 – Present
Calit2 & INRF - *Irvine, CA*
- 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 – *Part-time*   Oct 2008 – Present
Claire Trevor School of the Arts - *Irvine, CA*
- 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   Apr 2011 – Present
Engineering Student Council - *Irvine, CA*
- 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

Corporate Affairs Co-Chair   Apr 2010 - Apr 2011
Engineering Student Council - *Irvine, CA*
- 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 – *Mentored for 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

Awards and 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
- $3,000 - UC Leadership Excellence through Advanced Degrees Scholar   2011
- $9,500 - Boeing Scholarship Recipient   2011

Sean Thomas Burke

Permanent: 4527 Fairway Court, Livermore, CA 94551
Phone: (949) 371-9225
Email: sean.thomas.burke@gmail.com
URL: http://www.seantburke.com/