Sean Thomas Burke

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Education University of California, Irvine - GPA: 3.184

June 2013

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

Technical Skills

Software Skills

Languages:

- Advanced: Object Oriented PHP, Java, Visual Basic, HTML, CSS
- Intermediate: Android, MySQL, C++, C, HSPICE, Actionscript 3.0,
- Beginner: VHDL, Matlab, Python,
- 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

- 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

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 troubleshooting and customer service

Leadership

Engineering Student Council Irvine, CA

Sep 2009–Present

Position: Executive Board - President

Apr 2011–Present

2011

- 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

Position: Cabinet Member - Corporate Affairs Co-Chair

Apr 2010-Apr 2011

• Hosted the annual EngiTECH Career Fair with revenue of \$25,000

• UC Leadership Excellence through Advanced Degrees Scholar

- 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

• Engineers Mentoring the Future – <i>Mentor for two underclassmen</i>	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 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

Awards