Sean Burke

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Objective	To become an Electrical Engineering Intern	2010–2011
Education	**University of California, Irvine**	**June 2012**
	Bachelor of Science in Electrical Engineering ***GPA: 3.18***	
	Minor in Informatics & Computer Science, and in Management	

Technical Skills

Computer Skills
- Platforms: *Mac OSX, Windows XP, Windows 7, Linux*
- Technical: *Network Administration, Trouble-Shooting, Computer Assembly*

Software Skills
- Languages: *PHP, Java, C++, HTML, CSS, MySQL, VHDL, Matlab, Python,*
- Websites: *seantburke.com, sigmanuuci.com, futurewidget.com*
- IDEs: *Terminal, Eclipse, Xcode, Xilis, PIClab, PSPICE*
- Projects: *PHP Libraries, Directory Organizer*

Electrical Skills
- Instruments: *Soldering Iron, Digital Multi-Meter, Oscilloscope, Microcontrollers*
- Past Projects: *Electrodes in the Brain, 2-way Amplified Intercom*
- Current Projects: *In Flight Entertainment Systems, 3-bit ADC Flash*

Experience

Thales Avionics *Irvine, CA* — **June–Sept 2010**
Systems Engineer Intern — June 2010–Present
- Performed Final Systems Acceptance Testing on systems before the customer
- Gained knowledge with In Flight Entertainment Systems and large scale networks
- Worked with Airbus and Boeing configurations for Air Canada, Japan Airlines, Etihad and more
- Troubleshot entire systems for wiring issues, network problems and power failures.

Claire Trevor School of the Arts *Irvine, CA* — **Oct 2008–Present**
Student Technician/IT Consultant — Oct 2008–Present
- Improved skills in computer assembly and knowledge in computer repairs
- Assist faculty and students with computer-related, technical problems
- Provide technical service to all staff and students in the Arts Department
- Improved skills in communication and customer service

Engineering Student Council *Irvine, CA* — **Sep 2009–Present**
Cabinet Member - Corporate Affairs Co-Chair — Apr 2010–Present
- Host the annual EngiTECH Career Fair for the School of Engineering
- Contact companies and sponsors to donate and attend EngiTECH Career Fair
- Manage a committee of 20 members to delegate work
- Improving skills in professional networking
- Improving skills in team leadership and management

Activities

Institute of Electrical and Electronics Engineers *Irvine, CA* — Jan 2010–Present
- General member – attending weekly IEEE meetings

Sigma Nu Fraternity, Inc. *Irvine, CA* — Sep 2008–Present
- Webmaster – co-developed current website for 300+ members — Feb 2009–Present
- Historian – managed 50+ members for a composite picture — Sep 2008–Feb 2010

Arroyo Vista Student Council *Irvine, CA* — Sep 2008–June 2010
- Represented the Engineering & Design House

National Science Bowl *Livermore, CA* — Feb 2008
- Lead a team of 4 people to compete in the National Science Bowl

National Youth Leadership Forum on Technology *San Jose, CA* — July 2007
- President of a 12-person team for a Project in Internet Safety
- Innovated a new technology for protection against online predators
- Learned skills in team leadership and management

Awards/ Achievements

Oracle Community Impact Grant — Mar 2010
- Wrote about my involvement in the community for an award of $4,650.00

Fastest Circuit Design for a DC to AC to DC circuit — Apr 2010
- Designed an advanced circuit with the fastest time in a 100+ student class

Class Winning Business Plan on a Bluetooth Keyless Entry Technology — Jan–Mar 2010

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- Worked with a team of 5 to form a startup business in Bluetooth technology