

Sean Burke

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Objective	To become an Electrical Engineering Intern	2010–2011
Education	University of California, Irvine Bachelor of Science in Electrical Engineering GPA: 3.18 Minor in Informatics & Computer Science, and in Management	June 2012
Technical Skills	Computer Skills <ul style="list-style-type: none">• OS/Software: <i>Mac OSX, Windows XP, Windows 7, Linux, Adobe,</i>• Technical: <i>Network Administration, Trouble-Shooting, Computer Assembly</i> Software Skills <ul style="list-style-type: none">• Languages: <i>PHP, Java, C++, HTML, CSS, MySQL, VHDL, Matlab, Python,</i>• Websites: <i>seantburke.com, sigmanuuci.com</i>• IDEs: <i>Terminal, Eclipse, Xcode, Xilis, PIClab, PSPICE</i>• Projects: <i>PHP Libraries, Directory Organizer</i> Electrical Skills <ul style="list-style-type: none">• Instruments: <i>Soldering Iron, Digital Multi-Meter, Oscilloscope, Microcontrollers</i>• Past Projects: <i>Electrodes in the Brain, 2-way Amplified Intercom</i>• Current Projects: <i>In Flight Entertainment Systems, 3-bit ADC Flash</i>	
Experience	Thales Avionics <i>Irvine, CA</i> Systems Engineer Intern <ul style="list-style-type: none">• Performed Final Systems Acceptance Testing on flight systems before the customer• Gained knowledge in large scale networks; specifically In-Flight Entertainment• Worked with Airbus/Boeing configurations for Air Canada, Japan Airlines, Etihad and more• Troubleshoot entire systems for wiring issues, network problems and power failures. Claire Trevor School of the Arts <i>Irvine, CA</i> Student Technician/IT Consultant <ul style="list-style-type: none">• 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 <i>Irvine, CA</i> Cabinet Member - Corporate Affairs Co-Chair <ul style="list-style-type: none">• 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, team leadership and management	June–Sept 2010 June 2010–Sept 2010 Oct 2008–Present Oct 2008–Present Sep 2009–Present Apr 2010–Present
Activities	Institute of Electrical and Electronics Engineers <i>Irvine, CA</i> <ul style="list-style-type: none">• General member – attending weekly IEEE meetings Sigma Nu Fraternity, Inc. <i>Irvine, CA</i> <ul style="list-style-type: none">• Webmaster – co-developed current website for 300+ members• Historian – managed 50+ members for a composite picture Arroyo Vista Student Council <i>Irvine, CA</i> <ul style="list-style-type: none">• Represented the Engineering & Design House National Science Bowl <i>Livermore, CA</i> <ul style="list-style-type: none">• Lead a team of 4 people to compete in the National Science Bowl National Youth Leadership Forum on Technology <i>San Jose, CA</i> <ul style="list-style-type: none">• Learned team leadership as the president of a 12-person team• Innovated a new technology for protection against online predators	Jan 2010–Present Sep 2008–Present Feb 2009–Present Sep 2008–Feb 2010 Sep 2008–June 2010 Feb 2008 July 2007
Awards/ Achievements	Oracle Community Impact Grant <ul style="list-style-type: none">• 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 in EECS70B Lab <ul style="list-style-type: none">• Designed an advanced circuit with the fastest time in a 100+ student class Class Winning Business Plan on a Bluetooth Keyless Entry Technology <ul style="list-style-type: none">• Worked with a team of 5 to form a startup business in Bluetooth technology	Mar 2010 Apr 2010 Jan–Mar 2010