

# Kenny H. Luong

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<b>Objective</b>	To gain more real world experience in the fields of Computer Engineering/Science.	
<b>Education</b>	<b>Bachelor's of Science in Computer Engineering</b> University of Hawaii, Dec 2015 Projected Graduation	Major GPA: 3.0
<b>Work Experience</b>	<b>Web Developer</b> , UH Manoa Board of Publications • Maintain, update and oversee official college newspaper website • Drive, design and build student-community projects for UH Manoa Dec 2014 - Current	
	<b>Advanced Micro Devices (AMD)</b> , Co-Op Engineer • Executed RTL and firmware verification plans using Cadence Palladium Series • Designed, created and deployed a web frontend to see current emulation usage Aug 2013, Summer 2014	
	<b>UH Info. Tech. Services</b> , Help Desk Consultant • Troubleshoot software, hardware and networking issues over the phone • Answer phone and email responses to the ITS Help Desk Aug 2010 - May 2013	
<b>Project Experience</b>	<b>REIS Sensing and Monitoring</b> , Software Lead • Design and implement firmware for highly distributed weather sensor network • Maintain/update custom data collection and storage infrastructure Spring 2013 - Current	
	<b>MicroMouse</b> , Team Lead • Designed and built a Micromouse, competing in IEEE region 6 competition • Implemented a PD control and maze algorithm in C, using Git and MPLAB Spring 2012, Spring 2013	
	<b>MEMS Sensor Application</b> , Team Lead • Designed, built and programmed a wireless baby monitoring system • Applied to and accepted to iCan international contest for MEMS Sensors Spring 2013	
<b>Computer Skills</b>	<b>Languages:</b> C, C++, Javascript, Node.js, JQuery, Java, Ruby, Python, HTML, CSS, Bash, LaTeX, Verilog <b>Frameworks:</b> nw.js, Ruby on Rails, Sinatra, Express.js, Restify <b>Toolsets/OS:</b> Vim, gcc, g++, Git, Subversion, Cygwin, GNU Make, GNU Screen, GDB, Ubuntu, Debian, Redhat	
<b>Leadership Experience</b>	<b>Chair</b> , IEEE Student Branch, UH Manoa <b>Co-Chair</b> , IEEE Student Branch, UH Manoa <b>VP of Information Technology</b> , Engineer's Council of UH <b>Board Member</b> , Electrical Engineering Student Advisory Board <b>Webmaster/IT Officer</b> , IEEE Student Branch, UH Manoa <b>General Member</b> , IEEE Student Branch, UH Manoa	2014 - Current 2013 - 2014 2012 - 2014 2012 - 2013 2012 - 2013 2010 - 2012
<b>Personal Projects And Contributions</b>	<b>API</b> , Small frontfacing API for the IEEE student branch. <b>Hanabot</b> , Small hubot-based chatbot for the IEEE student branch. <b>EE Student Advisory Board Website</b> , A jekyll-based website. <b>ECUH Website</b> , A wordpress-based website for the Engineer's Council. <b>Hyperdrive</b> , A small collection of script for vnc-SSH based workflows. <b>Personal Blog</b> , My own personal jekyll-based blog. <b>Acoustic Wind Sensor</b> , Firmware for acoustic-based wind sensor. <b>Server Manager</b> , Minecraft Game Server <b>Recital Manager</b> , "Believe" Tuba Recital/Show	