

Hain-Lee Hsueh

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Objective	To develop and increase my technical skills (hardware and/or software) and use them to solve problems.
Education	Cornell University, College of Engineering, Ithaca, NY, Class of 2009 <ul style="list-style-type: none">• B.S. in Electrical and Computer Engineering• Minor in Computer Science• Cumulative GPA: 3.98• Magna Cum Laude• Member of Eta Kappa Nu (HKN)
Coursework	CS 211: Programming in Java ECE 303: EM Fields and Waves ECE 315: Intro. to Microelectronics ECE 445: Computer Networks and Telecomm ECE 310: Intro. to Probability and Random Signals ECE 4760: Designing with Microcontrollers CS 5150: Software Engineering ECE 314: Computer Organization ECE 425: Digital Signal Processing ECE 432: Introduction to MEMs ECE 453: Analog IC Design CS 470: Artificial Intelligence CS 4140: Operating Systems
Work Experience	Applications Engineer: Oracle, Pleasanton, CA, September 2009 – Present Working on the Benefits application, part of the Oracle Fusion HCM suite of next-generation business web applications. Student Web Developer: Stratplace, San Francisco, CA, Fall 2007 – Spring 2008 Worked with a small team of Cornell students to help with the backend of a business portal website (http://stratplace.com). Training involved exposure to MySQL databases and PHP. Work consisted heavily of code documentation. Software Engineer Intern: Cisco Systems, San Jose, CA, Summer 2007 Learned basic networking concepts and technologies, and developed pieces of software towards a unified configuration tool for routers. Summer intern: American Alpha Inc., South Brunswick, NJ, 2006 Tested circuit boards for casino computer games in a group environment. Reported hardware issues to quality assurance. Involved hands-on lab debugging experience.
Other Experience	Web Programming/Development Designed, implemented, and tested my personal website (http://leehsueh.net) from scratch using PHP and MySQL. Microcontroller Projects Created a proof-of-concept internet digital receipts system by interfacing a magnetic card reader, Ethernet module, and microcontroller. Also did two simple projects on the side by interfacing an Arduino board with flex sensors and a speech recognition chip. Research Assistant: Cornell University, NY, Fall 2007 – Spring 2008 Assisted in performing circuit simulations using the Cadence Design Environment. Research group focused on developing a methodology for process invariant circuit design.
Skills	Computer Languages and Software Unix, Java, C/C++, Python, Matlab. xHTML/CSS, PHP, MySQL
Interests/Hobbies	Cello, Piano, Tennis, Digital Photography, Web Design