

EDUCATION

Stanford University	Stanford, CA
<i>M.S. Electrical Engineering</i> , leave of absence, expected June 2014. GPA: 3.8/4.0	3/11 – 6/12
<i>B.S. Electrical Engineering – Software Concentration</i> , June 2012. GPA: 3.8/4.0	9/08 – 6/12
<ul style="list-style-type: none">Honors: Tau Beta Pi Engineering Honor Society, CS247: Human-Computer Interaction Final Competition 2nd place, Guest lecturer for EE100: The Electrical Engineering Profession	

PROFESSIONAL EXPERIENCE

Republic of China Marine Corps	Kaohsiung, Taiwan
<i>Software Engineer</i>	10/12 – present
<ul style="list-style-type: none">Develop and maintain military simulations (also informally known as wargames)Lecture to marines officers on operating the military simulationsManage and maintain all software and hardware infrastructure	
Palantir Technologies, Leading Data Integration & Analysis Platform	Palo Alto, CA
<i>Forward Deployed Engineer Intern, Palantir Finance</i>	5/12 – 9/12
<ul style="list-style-type: none">Coordinated 4 interns and 5 full-timers to create a visual web tool in Java to empower non-technical people to integrate client data with Palantir Metropolis PlatformDesigned demo for the home mortgages industry and created data with Python. Presented to external advisorsPerformed data integration and built custom features in Java for a \$152B asset management firm	
Opower, Leading Energy Efficiency & Smart Grid Software Startup	Arlington, VA
<i>Software Engineer & Product Manager Intern</i>	6/11 – 9/11
<ul style="list-style-type: none">Led a cross-functional team of 8 from ideation to the completion of development of an individualized short-url sign-up serviceDeveloped majority of the code for the short-url sign-up service for Opower's web portal using Java SpringLaunched automated FAQ site for utility clients in Java Spring, saving 3+ hrs of engineer-time per all future client launches	
Facebook	Palo Alto, CA
<i>Hardware Test Engineer Intern, Server Team (Open Compute Project)</i>	6/10 – 9/10
<ul style="list-style-type: none">Developed test plan and environments for electrical, memory, and stress-related tests for the 1st generation server designPerformed analysis on CPU efficiency and memory margin, and discovered a main bug in the memory sticksServers increased 38% in efficiency and decreased 24% in price compared to industry standards	
Hewlett-Packard	Taipei, Taiwan
<i>Research & Development Engineer Intern, Taiwan Design Center</i>	6/09 – 8/09
<ul style="list-style-type: none">Designed the Energy Star 5.0 test plan –an international standard for energy efficient consumer productsObtained the Energy Star 5.0 Certification; product (Workstation Z200) launched in Feb 2010Diagnosed malfunction in idle-state power saving –resulted in 10 watts (20%) of power per computer saved	

SELECTED EXTRACURRICULAR ACTIVITIES

Stanford Consulting	Stanford, CA
<i>Project Director & Board Member</i>	9/10 – 6/12
<ul style="list-style-type: none">Led a team of 5 to assist Grupo RBS, 3rd largest media company in Brazil, to establish the venture capital branchLed a team of 5 student consultants to work with Google advisors to identify future revenue models for mobile applicationsWorked with a team of 5 to complete projects with a \$1.7B community foundation and EnerNOC	
Green Alliance for Innovative Action (GAIA)	Stanford, CA
<i>Vice Chair</i>	9/11 – 6/12
<ul style="list-style-type: none">Represent the 9 primary sustainability student groups to various university administration groups and student governmentFacilitated collaboration among member student groups to host Earth Day events (April 22) and "Art After Dark" (May 17)	
Asia-Pacific Student Entrepreneurship Society (ASES)	Stanford, CA
<i>Strategy & Development Director</i>	9/08 – 6/11
<ul style="list-style-type: none">Increased corporate sponsorship by 3 times from previous year (\$2,000 to \$6,000)Collaborated with Stanford Career Development Center to host startup career fair, attracting 70+ startupsDirected the inaugural high school entrepreneurship conference "Be a CEO by 21"	

SKILLS

Computer Skills: Java, C, C++, C#, SQL; HTML, CSS, Javascript; Python, Ruby, Rails; Matlab
Language Skills: Native proficiency in Mandarin Chinese and Taiwanese (Southern-Min Chinese)