

CHUN-KAI (KENNY) KAO

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EDUCATION

Stanford University	Stanford, CA
<i>M.S. Electrical Engineering</i> , expected June 2013. GPA: 3.8/4.0.	3/11 –present
• Relevant coursework: human-computer interaction, machine learning, linear dynamical systems, convex optimization	
<i>B.S. Electrical Engineering –Software Concentration</i> , June 2012. GPA: 3.8/4.0.	9/08 –6/12
• Honors: Tau Beta Pi Engineering Honor Society, CS247 Human-Computer Interaction Final Competition 2 nd place	
• Relevant coursework: object-oriented design, computer organization & systems, databases, finite automata & complexity theory, digital systems, signals processing, linear algebra, differential equations, multivariable calculus	

PROFESSIONAL EXPERIENCE

Palantir Technologies	Palo Alto, CA
<i>Forward Deployed Engineer Intern, Palantir Finance</i>	5/11 – present
• Scope and nature of work to be determined.	
Opower, Leading Energy Efficiency & Smart Grid Software Startup	Arlington, VA
<i>Software Engineer & Product Manager Intern</i>	6/11 – 9/11
• Led a cross-functional team of 8 from ideation to the completion of development of an individualized short-url sign-up service	
• Developed majority of the code for the short-url sign-up service for Opower's web portal using Java Spring	
• Launched 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
• Developed test plan and environments for electrical, memory, and stress-related tests for the 1 st generation server design	
• Performed analysis on CPU efficiency and memory margin, and discovered a main bug in the memory sticks	
• Servers 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
• Designed the Energy Star 5.0 test plan – an international standard for energy efficient consumer products	
• Obtained the Energy Star 5.0 Certification; product (Workstation Z200) launched in Feb 2010	
• Diagnosed malfunction in idle-state power saving –resulted in 10 watts (20%) of power per computer saved	
State University of New York (SUNY) at Stony Brook	Stony Brook, NY
<i>Researcher, Department of Materials Science & Engineering</i>	6/07 – 8/08
• Designed a nanoparticle-coating process which increased power output of the PEM fuel cell by 550%	
• Presented at Intel Science Talent Search, MIT TechFair, Materials Research Society Fall Meeting, Energy Long Island	
• Paper accepted to 2011 International Conference on Advances in Energy Engineering (ICAEE) and Energy Procedia	

SELECTED EXTRACURRICULAR ACTIVITIES

Stanford Consulting	Stanford, CA
<i>Project Director & Board Member</i>	9/10 – 6/12
• Led a team of 5 student consultants to work with Google advisors to identify future revenue models for mobile applications	
• Led a team of 5 to assist Grupo RBS, 3 rd largest media company in Brazil, to establish the venture capital branch	
• Worked with a team of 5 to complete a market entry project with a \$1.7B community foundation and an energy efficiency software project with EnerNOC	
Green Alliance for Innovative Action (GAIA)	Stanford, CA
<i>Vice Chair</i>	9/11 – 6/12
• Represent the 9 primary sustainability student groups to university administrations, student government executive, Undergraduate Senate, and Graduate Student Council	
• Facilitated 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
• 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+ startups	
• Directed the inaugural high school entrepreneurship conference “Be a CEO by 21”	

SKILLS

Computer Skills: Java, C, C++, C#, SQL; HTML, CSS, Javascript; Ruby, Rails; Matlab

Language Skills: Native proficiency in Mandarin Chinese and Taiwanese (Southern-Min Chinese)