

CHUN-KAI (KENNY) KAO

PO 13548, Stanford CA, 94309
650-862-8492 • kennykao@stanford.edu

EDUCATION

Stanford University	Stanford, CA
<i>M.S. Electrical Engineering</i> , expected June 2013. GPA: 3.8/4.0.	3/11 –present
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Honors: Tau Beta Pi Engineering Honor Society, CS247 Human-Computer Interaction Final Competition 2nd placeRelevant 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>	expected 5/12
<ul style="list-style-type: none">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
<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	
State University of New York (SUNY) at Stony Brook	Stony Brook, NY
<i>Researcher, Department of Materials Science & Engineering</i>	6/07 – 8/08
<ul style="list-style-type: none">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 IslandPaper 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 – present
<ul style="list-style-type: none">Led a team of 5 student consultants to work with Google advisors to identify future revenue models for mobile applicationsLed a team of 5 to assist Grupo RBS, 3rd largest media company in Brazil, to establish entrepreneurial ecosystem in BrazilWorked 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 – present
<ul style="list-style-type: none">Represent the 9 primary sustainability student groups to university administrations, student government executive, Undergraduate Senate, and Graduate Student CouncilFacilitated collaboration among member student groups to host Earth Day events (April 22) and “Art After Dark” (early May)	
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; XML; HTML; Ruby, Rails; Matlab; Verilog

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