CHUN-KAI (KENNY) KAO

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

EDUCATION

Stanford University Stanford, CA
M.S. Electrical Engineering, expected June 2013. GPA: 3.8/4.0. 3/11 –present
- Relevant coursework: human-computer interaction, machine learning, linear dynamical systems, convex optimization

B.S. Electrical Engineering –Software Concentration, June 2012. GPA: 3.8/4.0. 9/08 –6/12
- Honors: Tau Beta Pi Engineering Honor Society, CS247 Human-Computer Interaction Final Competition 2nd 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
Forward Deployed Engineer Intern, Palantir Finance expected 5/12
- Scope and nature of work to be determined.

Opower, *Leading Energy Efficiency & Smart Grid Software Startup* Arlington, VA
Software Engineer & Product Manager Intern 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
Hardware Test Engineer Intern, Server Team (Open Compute Project) 6/10 – 9/10
- Developed test plan and environments for electrical, memory, and stress-related tests for the 1st 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
Research &Development Engineer Intern, Taiwan Design Center 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
Researcher, Department of Materials Science & Engineering 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
Project Director & Board Member 9/10 – present
- 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, 3rd largest media company in Brazil, to establish entrepreneurial ecosystem in Brazil
- 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
Vice Chair 9/11 – present
- 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" (early May)

Asia-Pacific Student Entrepreneurship Society (ASES) Stanford, CA
Strategy & Development Director 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; XML; HTML; Ruby, Rails; Matlab; Verilog
Language Skills: Native proficiency in Mandarin Chinese and Taiwanese (Southern-Min Chinese)