CHUN-KAI (KEN) KAO

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EDUCATION

Stanford University Stanford, CA

M.S. Electrical Engineering, expected March 2014. GPA: 3.8/4.0   3/11 – 6/12, 9/13 – present
B.S. Electrical Engineering. GPA: 3.8/4.0   9/08 – 6/12

- **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

Stanford University Dept. of Electrical Engineering   Stanford, CA
Teaching Assistant, ENGR40: Introductory Electronics   9/13 – present

- Supervised lab sessions (50+ students) and held office hours each week

Republic of China Marine Corps   Kaohsiung, Taiwan
Software Engineer, Marine Corps School   10/12 – 9/13

- Led a team of 3 to develop and maintain military simulations (also informally known as wargames)
- Instructed a mandatory course to 400+ marines officers and privates on how to program military simulations
- Reduced 50+ man-hours each for 3 major national military exercises by redesigning software system to reuse overlapping data

Palantir Technologies, *Leading Data Integration & Analysis Platform*   Palo Alto, CA
Forward Deployed Engineer Intern, Palantir Finance   5/12 – 9/12

- Coordinated a team of 9 to create a visual web tool to integrate client data in Java
- Designed demo for the home mortgages industry and created simulation data with Python. Presented to external advisors
- Performed data integration and built custom features in Java for a $152B asset management firm

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
- Reduced 3+hrs of engineer-time per client launch by developing and launching automated FAQ site for utility clients

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
- 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 and obtained 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

SELECTED EXTRACURRICULAR ACTIVITIES

Stanford Consulting   Stanford, CA
Project Director & Board Member   9/10 – 6/12

- Led a team of 5 to assist Grupo RBS, 3rd largest media company in Brazil, to establish the venture capital branch
- Led a team of 5 student consultants to work with Google advisors to identify future revenue models for mobile applications
- Worked with a team of 5 to complete projects with a $1.7B community foundation and EnerNOC (9/10 – 6/11)

Green Alliance for Innovative Action (GAIA)   Stanford, CA
Vice Chair   9/11 – 6/12

- Represent the 9 primary sustainability student groups to various university administration groups and student government
- 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
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

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)