

## EDUCATION

### Stanford University

Stanford, CA

*M.S. Electrical Engineering*, leave of absence, expected June 2014. GPA: 3.8/4.0

3/11 – 6/12

- **Relevant coursework:** human-computer interaction, machine learning, linear dynamical systems

*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 2<sup>nd</sup> place, Guest lecturer for EE100: The Electrical Engineering Profession
- **Relevant coursework:** object-oriented design, computer organization & systems, databases, digital systems, signals processing

## PROFESSIONAL EXPERIENCE

### Republic of China Marine Corps

Pingtung, Taiwan

*Private E-1*

expected 10/12

- Scope and nature of work to be determined

### Palantir Technologies

Palo Alto, CA

*Forward Deployed Engineer Intern, Palantir Finance*

5/12 – 9/12

- 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 Platform
- Designed demo for the home mortgages industry and created data with Python. Presented to external advisors
- Performed data integration and custom features on Palantir Metropolis 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
- 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 1<sup>st</sup> 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

## SELECTED EXTRACURRICULAR ACTIVITIES

### Stanford Consulting

Stanford, CA

*Project Director & Board Member*

9/10 – 6/12

- Led a team of 5 to assist Grupo RBS, 3<sup>rd</sup> 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

### 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
- Directed 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)