

TRACY CHOU

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EDUCATION

- Stanford University *M.S. Computer Science, expected June 2010, GPA = 4.1/4.0 (A+ is 4.3)*
Stanford, CA *B.S. Electrical Engineering, expected June 2009, GPA = 4.0/4.0*
9/05 to present
 - Course highlights: machine learning, artificial intelligence, probabilistic graphical models, scientific computing; signals processing, computer architecture, analog circuit analysis.
 - Frederick Emmons Terman Engineering Scholar, top 5% of engineering.
 - Mayfield Fellow '09, one of twelve students selected for nine-month work/study program.
- Peking University *Bing Overseas Studies Program, Stanford in Beijing*
Beijing, China
 - Organized an entrepreneurship conference for local university students, inviting successful entrepreneurs, venture capitalists, and consultants as speakers, with coverage by major media outlets including Sina, Sohu, and Tencent QQ.

WORK EXPERIENCE

- Facebook *Software Engineering Intern, Communication and Applications Team*
Palo Alto, CA
 - Implemented prototype for Facebook photo tagging on external sites as a feature for Facebook Connect; built site support for feature in PHP and front-end in JavaScript.
 - Extended the developer APIs with additional photos functionality, in use with iPhoto '09.
 - Contributed to testing and bug fixing of the profile redesign, launched in July '08.
 - Prototyped conversion of chat notifications to be push-based instead of pull-based.
- Google *Associate Technology Manager Intern, Partner Solutions Organization*
Mountain View, CA
 - Analyzed the Chinese e-commerce market and proposed strategies to leverage Google infrastructure in that market; presented to worldwide sales engineering team.
 - Correlated seller reputation with profitability, supporting a strategy shift for Checkout.
 - Served as project manager on a technical task tied to a partner deal; coded a prototype for crawling information and worked with the engineering team to process the data.
 - Revised a patent application on ads targeting systems for user profiles.
- Stanford CS Dept *Teaching Assistant, CS107 Programming Paradigms*
Stanford, CA
 - Syllabus: memory management, computer architecture, templates, operator overloading, concurrent programming, functional programming; languages used: C, C++, Scheme.
- Winbond Electronics *Summer Engineering Intern, Device Modeling Team*
Hsin Chu, Taiwan
 - Selected for internship through Stanford's Asia Technology Initiative program.
 - Extracted models for non-discrete circuit elements using industry standard software.

SKILLS

- Computer Skills C, C++, Java; MATLAB; SQL, PHP, JavaScript, HTML, CSS; LaTeX; Photoshop.
Language Skills Fluency and literacy in Mandarin Chinese; reading proficiency in Spanish.

EXTRACURRICULAR ACTIVITIES

- Stanford Institute of Electrical and Electronics Engineers (IEEE)
Co-President '08-'09; Webmaster '07-'08; Research/Competitions Chair '06-'07
- Tau Beta Pi Engineering Honor Society (TBP)
Vice President, California Gamma Chapter '08-'09; Member since '08
- Stanford University Residential Computing
Resident Computer Consultant and CS1C/CS2C Instructor, West Lagunita '08-'09
- Stanford Women in Business (SWIB)
"I don't know" to CEO Conference Director '07-'08
- Formosa Foundation Ambassador Program (FFAP)
Youth Ambassador to U.S. Senate and House of Representatives, Class of '07
- Stanford Taiwanese Cultural Society (TCS)
Co-Chair and Webmaster '06-'07; Frosh Intern '05-'06