

ELAINE ZHOU

P.O. Box 15454 Stanford, CA 94309 • (407) 913 9666 • elainez@cs.stanford.edu • <http://elainez.org>

EDUCATION	Stanford University Stanford, CA B.S. Candidate in Computer Science 2015, Minor in Mechanical Engineering Design, GPA: 3.7/4.0 – Bing Overseas Studies Program Berlin, Germany 9/2013 to 12/2013	9/2011 – present
EXPERIENCE	Uber Inc. <i>Software Engineering Intern</i> San Francisco, CA Created <i>Partners FAQ</i> tool to allow individual management of Q&A content. Created wireframes, designed mockups, and programmed front-end on internal web tools.	Summer 2013
	Revolution Prep Ivy Insiders <i>Branch Manager</i> Winter Park, FL Taught a 3-week small-group SAT preparation course to high school students whose test scores on average increased 283 points. Planned course curricula, and generated over \$6,000 in revenue.	Summer 2012
	Shoe Land <i>Graphic Design Intern</i> Orlando, FL Designed seasonal sets of print advertisements for in-store display and materials for conferences, coupon clippings, and general marketing use.	Summers 2011, 2012
LEADERSHIP & INVOLVEMENT	Stanford Engineers for Sustainable World (ESW) <i>Co-President</i> Partnered student project leaders with non-profits and non-governmental organizations, planned showcase, determined funding for interns' overseas travel, restructured two-quarter international development course.	9/2012 – present
	Frost Experience <i>Administrator</i> Organized Interactive Art Installation Showcase at Stanford's Frost Festival (feat. MGMT). Planned and built an interactive experience through art and activities for 5000+ attendees. Created on-campus flyers.	3/2013 – present
	Stanford Women's Leadership Conference (SWLC) <i>Co-President</i> Designed official conference logo, promotional bookmark, and other marketing material. Contacted numerous women leaders in various fields for invitation to speak at event, as well as mentor attendees.	9/2012 – 4/2013
RESEARCH & PUBLICATIONS	"Brainstorm, Define, Prototype: Timing Constraints to Balance Appropriate and Novel Design" <i>Stanford University</i> Stanford, CA Conducted human creativity experiment on optimizing design methodologies. Examined the effect of varying timing of narrowed constraints on product's novelty and appropriateness.	9/2012 – 4/2013
	"Shape Dependent Catalytic Oxidation of 2-Butanol over Pt Nanoparticles Supported on γ-Al_2O_3" <i>University of Central Florida</i> Orlando, FL Sought to understand chemical catalysis for green-tech applications. Synthesized Pt nano-catalysts and analyzed size & shape dependencies in decomposition and oxidation reactions.	7/2008 – 9/2011
AWARDS	2013 ACM User Interface Software & Technology (UIST) Symposium Presenter 2011 Intel Science Talent Search Finalist 2011 Lake Highland Preparatory School Valedictorian Speaker 2010 Intel International Science and Engineering Fair 3 rd Grand Award	
SKILLS	Programming: C++, C, Java, Python, Ruby, JavaScript, HTML, CSS, MySQL, Arduino, Android Java Software: Adobe Illustrator, Adobe Photoshop, SolidWorks Languages: Native English speaker, Fluent in Mandarin Chinese, Beginner in German Music: Piano (13 years of solo training, 2 years of ensemble work)	