

Shiwei Song

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EDUCATION

Stanford University, Stanford, CA
M.S. in Computer Science, March 2010
GPA 4.0/4.0

Carnegie Mellon University, School of Computer Science, Pittsburgh, PA
B.S. in Computer Science, Minor in Robotics, December 2007 (2½ years)
GPA 4.0/4.0, University Honors

SKILLS

Languages and Technologies: Java, C/C++, Objective-C/Cocoa, HTML, CSS, JavaScript/CoffeeScript, Python/Django
Software: Xcode, Vim, Sublime Text, Eclipse, MATLAB, GDB, SVN, git
Foreign Languages: Fluent in Chinese (Mandarin)

RECENT EXPERIENCES

Palantir Technologies, Palo Alto, CA. Software Engineer, Spring 2010-Spring 2012
-Project lead for Portfolio and Index apps on the Palantir Finance platform
-Maintained the computation engine that powers many of the apps on Palantir Finance
-Built the result caching backend service

Baren Studio, Wuhan, China. Founder, Spring 2009-Spring 2010
-Founder of Baren Studio, a mobile software studio focused on iPhone development
-Managed the engineering team and overall technology development

Apple Inc, Cupertino, CA. Software Engineering Intern, Summer 2007
-Worked with the iChat AV engineering team on iChat for OS X Leopard
-Designed, researched, and implemented new features for the instant messaging client
-Worked with XMPP and Link-Local Messaging protocols

Apple Inc, Cupertino, CA. Software Engineering Intern, Summer 2006
-Worked with the iPhoto engineering team on the next version of iPhoto
-Designed and implemented new features for the popular consumer application
-Extensive work in designing and documenting API and building user interface
-Created the iPhoto SDK for third party export plug-ins

TEACHING ASSISTANT

CS109: Intro to Probability for Computer Scientists, Stanford University, Winter 09/10
CS211: Intro to Artificial Intelligence, Stanford University, Autumn 09/10
CS109: Intro to Probability for Computer Scientists, Stanford University, Spring 08/09
15-213: Intro to Computer Systems, Carnegie Mellon University, Spring 2007

RELEVANT COURSES

Computational Photography, Music and Computing (Project: Vision Based Instrument), Information Retrieval, Data Visualization (Project: Visualizing the Republic of Letters), Computer Vision (Project: Virtual Glasses for Real People), AI, Machine Learning (Project: Movie Recommendations Using Social Networks), Networks, Compilers, Graphics, Operating Systems

ACTIVITIES

Chinese Entrepreneurs Organization, Stanford University, 2009-2010
Asian American Graduate Student Association, Stanford University, 2008-2010
Robotics Club, Carnegie Mellon University, 2005-2006

AWARDS AND HONORS

NACIS Student Web Mapping Competition Winner (interactive map), Fall 2009
Stanford Rendering Competition 2nd Place, Spring 2009
School of Computer Science (CMU) Dean's List, All Semesters
Microsoft National High School Computer Science Scholarship, May 2005
California Mathematics League School Winner and Top 30 State Scorer, May 2005
American Invitational Math Exam Qualifier, 2003, 2005
AP National Scholar, September 2005