

## KERUI HUANG

3307 Hillview Avenue  
Palo Alto, CA 94304  
(650) 518-9589  
<http://www.keruihuang.com>

### EDUCATION

M.S., Computer Science University of California, Santa Cruz GPA: 3.75	09/2010 - 03/2012
B.E., Computer Science University of Electronic Science and Technology of China (UESTC) Major GPA: 3.81 (1st/94), Overall GPA: 3.78 (3rd/94)	09/2005 - 07/2009

### COURSES

Analysis of Algorithms, Computer Graphics, Programming Languages, Human-Computer Interaction, Machine Learning, Principles of Database Systems, User Evaluation

### PUBLICATIONS

- Petros Venetis, Hector Garcia-Molina, Kerui Huang, Neoklis Polyzotis, “Max Algorithms in Crowdsourcing Environments”, WWW12, April 2012.
- Yong Wang, Kerui Huang, Bin Wang, Zhiguang Qin and Ge Huang, “Privacy prevention based on trust model for P2P streaming systems”, ICCAS, 2010.

### HONORS AND AWARDS

University of California Regent’s Fellowship, UCSC, 2010  
Outstanding Graduate of Sichuan Province (1%), Sichuan Department of Education, 2009  
Outstanding Bachelor Dissertation (2%), UESTC, 2009  
Undergraduate Innovation Prize, 2009  
First-class Scholarship (5%), UESTC, 2008  
Outstanding Student Cadre, School of Computer Science and Engineering, 2008  
Excellent League Member, UESTC, 2008  
First Prize in National Collegiate Info Security Competition (9 teams awarded nationwide), China Ministry of Education, 2008  
National Scholarship (2%), China Ministry of Education, 2007  
Excellent League Member, UESTC, 2007  
First-class Scholarship (5%), UESTC, 2006  
Excellent Undergraduate, UESTC, 2006  
Excellent Military Training Cadet, UESTC, 2006

### PROFESSIONAL EXPERIENCE

Member of Technical Staff, ActiveMatrix BusinessWorks, TIBCO Software Inc. Core UI Framework	06/2012-Present
Research Assistant, Prof. Neoklis Polyzotis, UC Santa Cruz SQLTurk: A Human Interface for SQL	09/2011-03/2012
Research Assistant, Prof. Neoklis Polyzotis, UC Santa Cruz Top-one algorithms over Amazon Mechanical Turk	04/2011-06/2011
Teaching Assistant, Prof. Jim Whitehead, UC Santa Cruz CMPS 10: Introduction to Computer Science	04/2011-06/2011
Teaching Assistant, Prof. Ira Pohl, UC Santa Cruz CMPS 5C: Introduction to Programming in C/C++	01/2011-03/2011

Course Instructor, University of Electronic Science and Technology of China Introduction to Programming in Java	03/2011-07/2011
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## **SELECTED PROJECTS**

Team Member, Design-A-Thon at TIBCO Software Inc. Book Now: a conference room booking system UI design.	07/2014-07/2014
Team Member, Course Project of Implementation and Design of Database Top-k join in MapReduce environment with column-store	01/2012-03/2012
Team Member, Course Project of Human Computer Interaction DroidPad: a smart touchpad for PC	01/2011-03/2011
Team Member, Course Project of Computer Graphics Sweep Camera	09/2010-12/2010
Research Assistant, National Natural Science Foundation of China Peer-to-peer reputation research	09/2008-06/2010
Team Lead, National Collegiate Information Security Competition Light-weighted peer-to-peer trust platform	06/2008-10/2008
Team Lead, Innovation Fund of UESTC Library visual route search system	10/2007-12/2008
Team Member, Course Project of Software Engineering One-card-for-all system	11/2007-12/2007
Team Lead, Comprehensive Experiment of Electronic Technology Digital temperature controlling air conditioning system	03/2008-05/2008

## **TECHNICAL SKILLS**

Programming Languages:

- Java, Javascript, Python, C++, C, Matlab, HTML, CSS, PHP

Development Tools and Frameworks:

- MySQL, Hadoop, Ant, JUnit, Git, SVN, CVS, Vim, Eclipse, Visual Studio, jQuery, Ajax, J2EE, Django, Bootstrap, Linux/Ubuntu

## **EXTRACURRICULAR ACTIVITIES**

Class president, Fall 2006 - Fall 2008  
Secretary of the 8th Party branch, Fall 2008  
Student counsellor assistant, Spring 2007 - Spring 2008  
Class vice-president, Spring 2006  
Member of Study Department of Student Union, Spring 2006  
Commissary in charge of studies, Fall 2005

## **CERTIFICATIONS**

IBM AIX Basic Operations V5, July 2008