KERUI HUANG

3307 Hillview Avenue

Palo Alto, CA 94304

(650) 518-9589

http://www.keruihuang.com

EDUCATION

M.S., Computer Science   09/2010 - 03/2012

University of California, Santa Cruz

GPA: 3.75

B.E., Computer Science   09/2005 - 07/2009

University of Electronic Science and Technology of China (UESTC)

Major GPA: 3.81 (1st/94), Overall GPA: 3.78 (3rd/94)

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", ICCCAS, 2010.

HONORS AND AWARDS

University of California Regent's Fellowship, UCSC, 2010

Outstanding Graduate of Sichuan Province (1%), Sichuan Deparment 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.   06/2012-Present

Core UI Framework

Research Assistant, Prof. Neoklis Polyzotis, UC Santa Cruz   09/2011-03/2012

SQLTurk: A Human Interface for SQL

Research Assistant, Prof. Neoklis Polyzotis, UC Santa Cruz   04/2011-06/2011

Top-one algorithms over Amazon Mechanical Turk

Teaching Assistant, Prof. Jim Whitehead, UC Santa Cruz   04/2011-06/2011

CMPS 10: Introduction to Computer Science

Teaching Assistant, Prof. Ira Pohl, UC Santa Cruz   01/2011-03/2011

CMPS 5C: Introduction to Programming in C/C++

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

SELECTED PROJECTS

Team Member, Design-A-Thon at TIBCO Software Inc.   07/2014-07/2014
Book Now: a conference room booking system UI design.

Developer, Chrome Extension   04/2014-04/2014
Stock Box: a real time stock comprehensive tool.

Developer, Chrome Extension   04/2014-04/2014
WeChat Bubble: a handy way to wechat around with your friends.

Team Member, Course Project of Implementation and Design of Database   01/2012-03/2012
Top-k join in MapReduce environment with column-store

Team Member, Course Project of Human Computer Interaction   01/2011-03/2011
DroidPad: a smart touchpad for PC

Team Member, Course Project of Computer Graphics   09/2010-12/2010
Sweep Camera

Research Assistant, National Natural Science Foundation of China   09/2008-06/2010
Peer-to-peer reputation research

Team Lead, National Collegiate Information Security Competition   06/2008-10/2008
Light-weighted peer-to-peer trust platform

Team Lead, Innovation Fund of UESTC   10/2007-12/2008
Library visual route search system

Team Member, Course Project of Software Engineering   11/2007-12/2007
One-card-for-all system

Team Lead, Comprehensive Experiment of Electronic Technology   03/2008-05/2008
Digital temperature controlling air conditioning system

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