

Ms. Qiao(Adora) ZHANG

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RESEARCH AREAS	Data Mining Machine Learning Natural Language Processing	
EDUCATION	University of Pittsburgh <i>Ph.D. Student in Computer Science</i>	Sep 2013 - Jul 2018 (Anticipated)
	Beijing Normal University <i>B.S in Computer Science</i> Thesis: Growth and Competition of Field Crops, A Computer Stochastic Simulation	Sep 2009 - Jul 2013
	Coursera Social Network Analysis, Model Thinking	Sep 2012 - Present
EXPERIENCES	Teaching Assistant <i>CS 1520, University of Pittsburgh</i> Led recitations, graded projects and quizzes for CS 1520, Programming Languages for Web Applications.	Jan 2011 - Feb 2011
	Research Assistant (Non-paid) <i>Natural Language Processing Group, Tsinghua University</i> Improved a Weibo application which presents users with their tweet keywords. Implemented a scale-free stream graph for data visualization using Protovis library and jQuery.	Sep 2012 - Present
PROJECTS	Website of Baige Student Volunteer Association Established and maintained the website using a content management system.	Sep 2010
	Volunteer Management System of Baige Student Volunteer Association Created a volunteer management system using IIS, ASP and Access Database.	Mar 2011
	Questionnaire Application Developed (with collaboration) an application which allows users to generate questionnaires and invite friends to answer using Linux, PHP, MySQL and Renren.com API.	Sep 2011
	Empirical Network Analysis Project Constructed and analyzed a network of the questionnaire application users using Gephi.	Nov 2012
	Stream Graph Tool for Data Visualization A stream graph tool for data visualization using Protovis and jQuery JavaScript Library.	Nov 2012
	Plant Growth and Competition Model A plant growth and competition stochastic simulation based on two-layer ZOI model.	Apr 2013
	Check Checker An automatic tool used for checking VISA administrative processing status.	Jul 2013
SOCIAL ACTIVITIES	Volunteer at Baige Student Volunteer Association Served as the team leader of network department.	Sep 2009 - Sep 2011
	Volunteer at KDD2012	Aug 2011
FELLOWSHIPS AND AWARDS	2nd prize, The 7th Mathematical Contest in Modeling (Beijing Normal University) Social Work Scholarship (Beijing Normal University) 3rd prize, The 10th Programming Contest (Beijing Normal University) Arts and Sciences Fellowship (University of Pittsburgh)	May 2011 Sep 2011 May 2012 Jan 2014

ENGLISH PROFICIENCY	TOEFL	
	Listening 27, Reading 27, Speaking 23, Writing 28, Total 105	Nov 2011
	GRE	
	Verbal 161(86%), Quantitative 163(88%), Analytical Writing 3.0(11%)	Oct 2012
	Verbal 153(57%), Quantitative 166(94%), Analytical Writing 3.5(30%)	Nov 2012
SKILLS	Pitt ELI English Language Comprehensibility Test for TAs/TFs	
	Test Score 4: TA/TF may be certified for laboratories, recitations, and other classes.	Oct 2013
	Programming Languages	
	C/C++, Netlogo, R, Python, PHP, HTML/CSS, JavaScript(jQuery)	
	Operating Systems	
	Linux, Windows, Mac OS X	
	Others	
	Painting, Graphic Design, Photography	