

**Ms. Qiao(Adora) ZHANG**

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*Looking for software engineer openings starting in 2016.*

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EDUCATION	<b>University of Pittsburgh</b> <i>Master's Student in Computer Science (GPA - 3.5 / 4.0)</i>	Sep 2013 - Dec 2015 (Anticipated)
	<b>Beijing Normal University</b> <i>B.S in Computer Science</i> Thesis: Growth and Competition of Field Crops, A Computer Stochastic Simulation	Sep 2009 - Jul 2013
	<b>Coursera</b> Social Network Analysis (With Distinction), Model Thinking	Sep 2012 - Dec 2012
EXPERIENCES	<b>Software Engineer Internship</b> <i>Bentley Systems Pittsburgh</i> Worked on InspectTech web development team using ASP.NET and AngularJS. Details: <a href="http://goo.gl/CXZXGG">http://goo.gl/CXZXGG</a>	June 2015 - Aug 2015
	<b>Teaching Assistant</b> <i>University of Pittsburgh</i> CS 1550 Introduction to Operating Systems(2 Semesters); CS 0007 Intermediate Programming; CS 1520 Programming Languages for Web Applications.	Aug 2013 - Present
SKILLS	<b>Programming Languages</b> HTML/CSS, JavaScript(AngularJS, jQuery, D3), SQL, C#(ASP.NET), Java(Android), Python, PHP, Go, C/C++, Netlogo, R, Matlab	
	<b>Others</b> Painting, Graphical Design, Photography	
PROJECTS	<b>A Java Simulation of Transactional Row Column Stores</b> A Java simulation of a simple database management system utilizing row column stores.	Feb 2015
	<b>Camera Object Tracking Android App</b> An object tracking Android application using OpenCV library.	September 2014
	<b>Simple Remote Procedure Call Implementation</b> A simple RPC implementation in Golang.	September 2014
	<b>RapidBoard Virtual Keyboard</b> A virtual keyboard application for course homework with collaboration. Implemented in Java. Demo: <a href="https://www.youtube.com/watch?v=MUIbU75pujY">https://www.youtube.com/watch?v=MUIbU75pujY</a>	September 2014
	<b>Department Inventory System</b> An internal inventory system for department staff use written in PHP and jQuery.	Aug 2014
	<b>Visualization of Settlement Change in the Chifeng Region</b> A web-based visualization project with collaboration written in D3 and jQuery.	March 2014
	<b>Plant Growth and Competition Model</b> A plant growth and competition stochastic simulation based on two-layer ZOI model.	Apr 2013
	<b>Empirical Network Analysis Project</b> Constructed and analyzed a network of the questionnaire application users using Gephi.	Nov 2012
FELLOWSHIPS AND AWARDS	Social Work Scholarship (Beijing Normal University)	Sep 2011
	Arts and Sciences Fellowship (University of Pittsburgh)	Jan 2014

**ENGLISH  
PROFICIENCY**

**TOEFL**

Listening 27, Reading 27, Speaking 23, Writing 28, Total 105/120

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

**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