

**Ms. Qiao(Adora) ZHANG**

323 Morewood Ave, Apt 14. Pittsburgh, PA 15213

<http://www.qiaozhang.tk/>

[adora91@gmail.com](mailto:adora91@gmail.com)

(412)-961-2454

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<b>OBJECTIVE</b>	<b>Full-time software engineer position starting in January 2015</b> Work status: H1B Visa
<b>EDUCATION</b>	<b>University of Pittsburgh</b> Sep 2013 - Dec 2015 (Anticipated) <i>Master of Science in Computer Science (GPA: 3.5 / 4.0)</i>  <b>Beijing Normal University</b> Sep 2009 - Jul 2013 <i>Bachelor of Science in Computer Science</i> Thesis: Growth and Competition of Field Crops, A Computer Stochastic Simulation  <b>Coursera (Online Course)</b> Sep 2012 - Dec 2012 Social Network Analysis (With Distinction), Model Thinking
<b>EXPERIENCES</b>	<b>Software Engineer Internship</b> June 2015 - Aug 2015 <i>Bentley Systems Pittsburgh</i> Developed user configuration module using ASP.NET and AngularJS; Used Mapbox map API to display asset information. Details: <a href="http://goo.gl/NHucGt">http://goo.gl/NHucGt</a>  <b>Teaching Assistant</b> Aug 2013 - Apr 2015 <i>University of Pittsburgh</i> Led recitaitons, graded projects and homework for CS 1550 Introduction to Operating Systems; CS 0007 Intermediate Programming; CS 1520 Programming Languages for Web Applications.
<b>SKILLS</b>	<b>Programming Languages</b> JavaScript (AngularJS, jQuery, D3), C#(ASP.NET), HTML/CSS, Java, Android Development, Python, PHP, Go, C/C++, Netlogo, R, Matlab
<b>PROJECTS</b>	<b>Housing Management System</b> Sep 2015 A housing management system using the MEAN stack. Demo: <a href="http://104.236.113.44/">http://104.236.113.44/</a>  <b>A Java Simulation of Transactional Row Column Stores</b> Feb 2015 A simulation of a simple database management system utilizing row column stores. Source Code: <a href="http://goo.gl/WXR0wy">http://goo.gl/WXR0wy</a>  <b>Camera Object Tracking Android App</b> September 2014 An color blob object tracking Android application using OpenCV library. Source Code: <a href="http://goo.gl/KuUfCD">http://goo.gl/KuUfCD</a>  <b>Simple Remote Procedure Call Implementation</b> September 2014 A simple RPC implementation in Golang. Source Code: <a href="http://goo.gl/z4AL1n">http://goo.gl/z4AL1n</a>  <b>RapidBoard Virtual Keyboard</b> September 2014 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>  <b>Visualization of Settlement Change in the Chifeng Region</b> March 2014 A web-based visualization project written in D3 and jQuery with collaboration. Source Code: <a href="http://goo.gl/qNcAGJ">http://goo.gl/qNcAGJ</a>  <b>Plant Growth and Competition Model</b> Apr 2013 A plant growth and competition stochastic simulation based on two-layer ZOI model. Source Code: <a href="http://goo.gl/k8Tfki">http://goo.gl/k8Tfki</a>
<b>FELLOWSHIPS AND AWARDS</b>	Arts and Sciences Fellowship (University of Pittsburgh) Jan 2014 Social Work Scholarship (Beijing Normal University) Sep 2011