Ms. Qiao(Adora) ZHANG

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OBJECTIVE

Full-time software engineer position starting in Janurary 2016
Work status need: H1B Visa Sponsorship

EDUCATION

University of Pittsburgh   Sep 2013 - Dec 2015 (Anticipated)
Master of Science in Computer Science (GPA: 3.5 / 4.0)

Beijing Normal University   Sep 2009 - Jul 2013
Bachelor of Science in Computer Science
Thesis: Growth and Competition of Field Crops, A Computer Stochastic Simulation

Coursera (Online Course)   Sep 2012 - Dec 2012
Social Network Analysis (With Distinction), Model Thinking

EXPERIENCES

Software Engineer Internship   June 2015 - Aug 2015
Bentley Systems Pittsburgh
Developed user configuration module using ASP.NET and AngularJS; Used Mapbox map API
to display asset information. Details: `http://goo.gl/NHucGt`

Teaching Assistant   Aug 2013 - Apr 2015
University of Pittsburgh
Led recitaitons, graded projects and homework for CS 1550 Introduction to Operating Systems;
CS 0007 Intermediate Programming; CS 1520 Programming Languages for Web Applications.

SKILLS

Programming Languages
JavaScript (AngularJS, jQuery, D3), C#(ASP.NET), HTML/CSS, Java, Android Development,
Python, PHP, Go, C/C++, Netlogo, R, Matlab

PROJECTS

SIS Senior Health Care System   Sep 2015
A senior health care system written in PHP and AngularJS.
Demo: `http://ksiresearchorg.ipage.com/chronobot/`

A Java Simulation of Transactional Row Column Stores   Feb 2015
A simulation of a simple database management system utilizing row column stores.
Source Code: `http://goo.gl/WXROwy`

Camera Object Tracking Android App   September 2014
An color blob object tracking Android application using OpenCV library.
Source Code: `http://goo.gl/KuUfCD`

Simple Remote Procedure Call Implementation   September 2014
A simple RPC implementation in Golang. Source Code: `http://goo.gl/z4AL1n`

RapidBoard Virtual Keyboard   September 2014
A virtual keyboard application for course homework with collaboration. Implemented in Java.
Demo: `https://www.youtube.com/watch?v=MUibU75pujY`

Visualization of Settlement Change in the Chifeng Region   March 2014
A web-based visualization project written in D3 and jQuery with collaboration.
Source Code: `http://goo.gl/qNcAGJ`

Plant Growth and Competition Model   Apr 2013
A plant growth and competition stochastic simulation based on two-layer ZOI model.
Source Code: `http://goo.gl/k8Tfki`

FELLOWSHIPS AND AWARDS

Arts and Sciences Fellowship (University of Pittsburgh)   Jan 2014
Social Work Scholarship (Beijing Normal University)   Sep 2011