JOY (XIAOJI) ZHANG

2B Computer Science, Student ID 20560847

(226)-808-8981 xiaoji.zhang@uwaterloo.ca xiaojizhang.com
Unit 208, 255 Sunview St, Waterloo, ON, N2L 3V8

Professional Profile

Strong self-learning and problem solving skills developed through online courses.

Proficient in C/C++, familiar with C#, Java, Python, Ruby and Scheme.

Highly adept at full stack web development with HTML5, CSS/SCSS, JavaScript/CoffeeScript (AngularJS, ReactJS, jQuery, Node.js), Rails, .NET, SQL and MongoDB.

Experienced in working with large data sets using machine learning concepts and languages/tools including R, Matlab and SPSS.

Passionate about interactive computer graphics (OpenGL, WebGL, three.js), game development (Unity3D) and iOS development (Objective-C, Swift, Cocoa).

Comfortable with tools/platforms including Git, SVN, Bash, Visual Studio and Linux.

Work Experience

Jr. Developer, Aug. 2015 — Dec. 2015
Intellisoft Development Inc., Toronto, ON, Canada
Worked on the front and back ends of the George Brown College website.
Improved site performance by rewriting internal search for 20 templates using C#.
Implemented 3 responsive versions of homepage using .NET, jQuery and Bootstrap.
Optimized table sort for all news, events and programs pages using JavaScript.
Assisted Ektron CMS upgrade through performing tests and tracking bugs via JIRA.

Education

University of Waterloo, Waterloo, ON
Candidate for Bachelor of Computer Science, Fall 2014 — present
Cumulative average 92.67%, Dean's Honours List (every term)

Projects

Personal Website, Mar. 2015 — present
Built from scratch using Ruby on Rails, hosted on Heroku.
Implemented blogging features and a RESTful api for user authentication.
Designed front end with Bootstrap, added dependency injection via AngularJS.

People's Choice of Best Coach, Feb. 2014
Team project for the 2014 Mathematical Contest in Modelling (Problem B).
Built decision models based on Analytic Hierarchy Process using Matlab.
Optimized result with a forecasting model based on Artificial Neural Network.
Finished a 7,000-word essay in four days and won the Honourable Mention prize.

Interests

Played Chinese zither for 13 years, love indie games and music, also an amateur photographer and writer