Yaonan Zhong

Hello.

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Experience

Web Developer

Central Web Service, Oregon State University   Spring 2104 - March 2015

Work on both back-end and front-end development. Work with manager and clients to understand feature requirements. Design, implement & test new features. Support, debug & fix issues in the production applications.

Education

Oregon State University

Master of Engineering, Computer Science, GPA 3.7   Corvallis, OR   Fall 2013 - April 2015

Sun Yat-sen University

Bachelor of Science, Physics, GPA 3.5   Guangzhou, China   Fall 2008 - June 2012

Skills

Programming

Java, C, Python, OOP, solid data structure and algorithm knowledge.

Web Development

Familiar with Ruby on Rails, MVC architecture, responsive and mobile first web design, HTML5, CSS3, Agile process, test-driven development, Git.

Data Mining

Proficient with Python-based ecosystem of open-source software, such as Numpy, Sympy, IPython, Matplotlib, Natural Language Processing, Scikit-Learn. Hands-on experience in Machine Learning techniques.

Projects

Oregon Nutrition Education Program

A reporting system that helps educators across Oregon State collect data and generate reports for education programs planning and delivery. Ruby on Rails

Interacting 8-ball Pool Game

Designed a physics engine that simulated a pool game. OpenGL & C/C++

Personal Blog

Created my website (zhongyaonan.com) sharing big data technologies and useful machine learning techniques. HTML5, CSS3, JavaScript

Predicting Star Rating based on Yelp User Review Text

Implemented a tool that learned how to predict the rating of a Yelp restaurant based on the text of user reviews using Naive Bayes and Support Vector Machine Classifiers. Python

Awards

University Graduate Laurels Scholarships   Oregon State University   Spring & Fall, 2014

Excellent Student Scholarships   Sun Yet-sen University   2010 & 2011