Yaonan Zhong

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Hello.

Skills

Data analysis and processing
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. Hadoop.

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

Experience

Web Developer
Central Web Service, Oregon State University   Spring 2104-Present
Work on both back-end and front-end development. Work with product 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   Summer 2015
Sun Yat-sen University
Bachelor of Science, Physics, GPA 3.5   Guangzhou, China   Summer 2012

Projects

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

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 with interactions between objects on a table. OpenGL & C/C++

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

Awards

University Graduate Laurels Scholarships   Oregon State University   Spring & Fall, 2014
Excellent Student Scholarships   Sun Yet-sen University   2010 & 2011