HAOYU CHEN

Contact Info

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GitHub: https://github.com/haoyuchen1992
Stack overflow: http://stackoverflow.com/users/2911587/haoyu-chen

Education

University of Virginia	**Sep 2013 ~ Dec 2015**
Master of Computer Science GPA: 3.2	Computer Science
Huazhong University of Science & Technology, China	**Sep 2009 ~ 2013 June**
Bachelor of Engineering GPA: 3.4	Computer Engineering

Technical Skills

Programming Languages: Python, Java, Javascript, HTML, CSS, C, R, SQL and PHP
Web Development Skills: Bootstrap, Jquery, Node.js and WordPress
Platform: Linux/Windows/Mac OS

Work Experience

University of Virginia   Teaching Assistance   Sep 2014 ~ Present
- Work as TA for CS1112 Introduction to programming (Java) for two semesters
- Hold office hours twice a week and also help students debug programs in class

MoBell Muscle   Web Developer   June 2014 ~Sep 2014
- Develop front-end of MoBell Muscle's website from scratch, using HTML/CSS/JavaScript
- Independently develop Barbell Calculator widget page on WordPress, using JavaScript

Crazy8press   Web Developer   May 2014 ~ July 2014
- Redesigned the website layout and appearance and improved user experience
- Added new functionalities and WordPress plugins, such as social media, event calendar

Academic Projects

Online Course Platform for Tapestry Workshop   Feb 2014~Present
Research Assistant, UVA
Based on Course Builder (Google Open Source Project), Develop web-based learning platform.
- Redesign and simplify web page views on Course Builder
- Implement JavaScript code to obtain and visualize users behavior data, which will help online course design and evaluation

Hybrid Network Traffic Engineering System (HNTES)   Sep 2013 ~ Jan 2014
Research Assistant, UVA
- Wrote shell scripts, R program to conduct statistical data analysis on remote server
- Implemented algorithm with Java and python to analyze traffic of Internet and find the large data flow so as to improve over all traffic efficiency in the Internet.

Volunteer Service

Mentor at Computer4Kids, Charlottesville, VA   Sep 2013 ~ May 2014
- Taught Python for low income youth in Charlottesville

Teacher in Wuhan Children's Welfare Institute, China   Oct 2012 ~ June 2013
- Taught mathematics at an orphanage school