

# HAOYU CHEN

## Contact Info

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*GitHub:* <https://github.com/haoyuchen1992>

*Stack overflow:* <http://stackoverflow.com/users/2911587/haoyu-chen>

*Personal website:* <http://haoyu-chen.appspot.com/>

## 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 on WordPress, using JavaScript and Bootstrap

### **Crazy8press**

#### **Web Developer**

**May 2014 ~ July 2014**

- Redesigned the original website's layout and appearance, improving user experience.
- Use PHP to customize WordPress theme and 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 UI on Course Builder, running on Google App Engine (GAE)
- Debug open source code and implement JavaScript code to obtain and visualize users data

### **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
- By using java and python, analyze traffic of Internet and detect the large data flow

## Volunteer Service

### **Mentor at Computer4Kids, Charlottesville, VA**

**Sep 2013 ~ May 2014**

- Taught Python for low income youth in Charlottesville

### **Mentor in Wuhan Children's Welfare Institute, China**

**Oct 2012 ~ June 2013**

- Taught mathematics at an orphanage school