# HAOYU CHEN

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Important Links: *GitHub:* https://github.com/haoyuchen1992
                        *LinkedIn:* www.linkedin.com/in/chenhaoyu
                        *Stack overflow:* http://stackoverflow.com/users/2911587/haoyu-chen

## Education

**University of Virginia, Charlottesville VA, USA**                              **Sep 2013 ~ Dec 2015**
Master of Computer Science        GPA: 3.3                              Computer Science
**Relevant Courses:**  Machine Learning,  Text Mining, Design & Analysis of Algorithms, Computer Networks


**Huazhong University of Science & Technology, Wuhan, China**        **Sep 2009 ~ June 2013**
Bachelor of Engineering          GPA: 3.4                              Computer Engineering

## Technical Skills

*Programming Languages:* Python, Java, Javascript, HTML, CSS, C, C++,  R, SQL and PHP
*Development Skills:* Knockout.js, Mithril, SASS, Gulp, Bootstrap, Jquery, Node.js, jinja2 and WordPress
*Development Tools:* Chrome Developer Tool, Sublime, Eclipse, Google APP Engine and Balsamiq

## Work Experience

**Web designer Intern**        Center for Open Science, Charlottesville                      May 2015 ~ Present
As part of Scrum team, focus on UI side of open science framework(OSF)
- Fixed more than 50 critical UI issues and sent 110 pull requests for OSF repository during the summer period.
- Collaborated with UI leader to make design decisions and apply  new style guide to the whole OSF site
- Wireframe and implement new UI interfaces individually for OSF Meeting


**Web Developer Intern**        MoBell Muscle, Charlottesville                      June 2014 ~ Sep 2014
- Developed front-end of MoBell Muscle's website from scratch, using HTML/CSS/JavaScript
- Implemented barbell calculator on WordPress individually, using JavaScript and Bootstrap

## Academic Projects

**Online Course Platform for Tapestry Workshop**    Research Assistant, UVa        Feb 2014 ~ May 2015
Developed web-based learning platform, based on Course Builder (Google Open Source Project),
- Redesigned and simplified web UI on Course Builder, running on Google App Engine
- Debugged open source code and implemented JavaScript code to obtain and visualize users data, such as how long user watches a video


**StackOverFlow Question Search System**        Text mining, Course Project        Feb 2015 ~ May 2015
Developed a user-friendly question search system that outperform existing one on StackOverflow
- Developed online question search system by indexing 8 million StackOverflow questions.
- Used user-centered design principles to display the search results that users care, such as the number of upvotes, the preview of answer. See demo *https://stackoverflow-search.appspot.com/*


**Online Cognitive Experiment Platform**  System Cognitive Engineering, Course Project    Feb 2014 ~ May 2015
Developed a complete online experiment platform for representations in distributed cognitive tasks
- Implemented two forms of *Hanoi of Towers* and enable to collect online player's game grades
- Designed whole UI from scratch with many UI considerations, such as using gif images as instructions, choice of font. See demo *https://newpriceline.appspot.com/*


**Hybrid Network Traffic Engineering System (HNTES)**    Research Assistant, UVa      Sep 2013 ~ Jan 2014
- Wrote shell scripts, R program to conduct statistical data analysis on remote server
- Analyzed traffic of Internet and detected the large data flow by using java and python