

HAOYU CHEN

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Objective

Looking for an full-time software engineering position (**Front-end or Full Stack**).

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

LinkedIn: www.linkedin.com/in/chenhaoyu

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

Educations

University of Virginia, Charlottesville VA	Sep 2013 ~ Dec 2015
Master of Computer Science GPA: 3.3	Computer Science
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, R, SQL and PHP

Web Development Skills: Knockout.js, Mithril, SASS, Gulp, Bootstrap, JQuery, Node.js, jinja2 and WordPress

Web 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).

- During the summer period, fixed more than 50 critical UI issues and sent 110 pull requests for OSF repository
- 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

Research Assistant (Web Developer) Online Course Platform for Tapestry Workshop Feb 2014~ May 2015
Based on Course Builder (Google Open Source Project), develop web-based learning platform.

- Redesigned and simplified web UI on Course Builder, running on Google App Engine (GAE)
- Debugged open source code and implemented JavaScript code to obtain and visualize users data

Full Stack Developer StackOverFlow Question Search System (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 millions StackOverflow questions.
- User 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/>

Full Stack Developer Online Cognitive Experiment Platform (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
- Design the whole UI from scratch and lots of UI considerations are involved, such as using gif images as instructions, choice of font. See demo <https://newpriceline.appspot.com/>

Volunteer Service

Volunteer Mentor Computer4Kids, Charlottesville, VA Sep 2013 ~ May 2014

- By using codecademy, taught Python to an immigrant high school student once per week