Xuefeng Zhu

✉ xzhu15@illinois.edu
☎ +1 (217) 607-6680
⚙ github.com/Xuefeng-Zhu

🎓 Education

University of Illinois at Urbana-Champaign   Dec 2015

BS in Computer Science   *Cumulative GPA: 4.00/4.00*

💼 Professional Experience

Undergraduate Researcher, Department of Computer Science, Urbana, IL   May 2014 - Present
- Integrated PCC, a congestion control algorithm, into Chrome QUIC
- Developed a speed test Chrome extension based on Angularjs and Nodejs
- Maintained SIGCOMM2014 websites and built a template system for updating the website
- Technologies used: `Chrome` `Jinja2` `Google Sheet API` `Angular` `Semantic UI` `Firebase` `Nodejs` `Heroku`

Software Engineer Intern, Evernote, Redwood City, CA   June - August 2015
- Redesigned the image gallery and work chat on Evernote web client
- Enhanced the search view and notebook sharing experience on web client
- Developed 7 features and 9 improvements, fixed 40+ bugs
- Technologies used: `GWT` `Thrift` `Stripes` `Less` `Javascript` `Jira` `Gerrit`

Director of Information, Engineering Council, Urbana, IL   April 2014 - April 2015
- Managed and maintained the mailing list and EC web server, which hosts over 100 society websites
- Improved and redesigned the EC websites
- Technologies used: `Cpanel` `HTML` `PHP` `MySQL` `Trello`

Software Development Intern, Dow AgroSciences, Indianapolis, IN   May - August 2014
- Collaborated with 3 engineers to develop an administration dashboard, which saves administrators 80% time
- Wrote the user and development guideline for the administration dashboard
- Technologies used: `Angular` `jQuery` `BootStrap` `WCF Restful` `Oracle`

🏛 Research Experience

Healthcare Information System For Mining Drug Side Effects   February - May 2014

Supervised by: Sheng Wang, Chengxiang Zhai
- Designed the functionalities and user interface of the system
- Built the website for demonstrating the system using Angularjs and Flask

⚙ Projects

Google Sheet based SQL Engine (Available in Github)
- Built a SQL engine based on Google Sheet letting users store data and run SQL Query

EverEdu (Available in Github)
- Developed a web application to improve the interaction between instructors and students

Meetup (Available in Github)
- Created a web application built with Angularjs and Firebase to help people share and collaborate on events

Ischedule
- Wrote an Android app that assists students to organize course schedule and concentrate on lectures

Open Source Projects
- More open source project contributions on Github

✎ Publications

A 3D, Interactive Virtual Instruction Laboratory And A Virtual Model of A Reactor Control Room

American Society for Engineering Education   November 2013

▤ Technical Skills

My Favorite Languages: `Python` `Java` `C`

Other Languages: `Javascript` `C#` `C++` `Go` `XML` `CSS` `SQL` `Pascal` `MATLAB` `Ocaml`

Experience With: `Angular` `GWT` `Flask` `Jinja2` `Express` `BootStrap` `Android` `Unity3D` `Heroku`