Xuefeng Zhu

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🎓 Education

University of Illinois at Urbana-Champaign   May 2016

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

💼 Professional Experience

Software Engineer, Veriflow, Champaign, IL   December 2015 - Present
- Migrated the web application from pure Backbone to Marionette with Handlebars
- Created and enhanced policy timeline and network topology visualization
- Implemented automatic web client scale assessment test
- Profiled, analyzed and optimized Javascript and REST endpoint performance
- Technologies used: `Backbone` `Marionette` `Handlebars` `D3` `jQuery` `Lodash` `Mocha` `Sinon` `Selenium` `Gulp` `Flask` `Socket.IO` `OrientDB` `Vagrant`

Software Engineer Intern, Evernote, Redwood City, CA   June - August 2015
- Built the next generation image gallery and work chat for Evernote web client
- Enhanced the search view and notebook sharing experience on Evernote web client
- Technologies used: `GWT` `Thrift` `Stripes` `Less` `Javascript` `Jira` `Gerrit`

Software Development Intern, Dow AgroSciences, Indianapolis, IN   May - August 2014
- Collaborated with 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` `OracleDB`

🏛 Research Experience

Network at the Speed of Light   May 2014 - May 2016

Supervised by: Mo Dong, Ankit Singla, Brighten Godfrey
- Integrated PCC, a network congestion control algorithm, into QUIC protocol
- Developed an Internet speed measurement Chrome extension using Angular and Firebase
- Maintained SIGCOMM2014 website and built a template system for managing the site

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

Supervised by: Sheng Wang, Chengxiang Zhai
- Built and Designed the web client using Angular and Flask

3D Interactive Virtual Reality Instruction Laboratory And Reactor Control Room

Supervised by: Yoshinori Satoh, Ye Li, Rizwan Uddin   April 2013 - May 2014
- Built 3D models and wrote interaction scripts

⚙ Projects

Google Sheet based SQL Engine
- Built a SQL engine letting users store data and run SQL Query in Google Sheet

EverEdu
- Developed a web application to improve the interaction between instructors and students in class

Zappa
- Contributed to a serverless python web services framework

Open Source Projects
- Actively contribute to open source projects on Github

▤ Technical Skills

My Favorite Languages: `Javascript` `Python`

Other Languages: `C` `C++` `C#` `Java` `Go` `MATLAB` `Ocaml` `SQL`

Experience With: `Angular` `Ionic` `Meteor` `React` `React Native` `Electron` `D3` `Express` `Flask` `Firebase` `MongoDB` `Redis` `RabbitMQ` `Docker` `Kubernetes` `Heroku`