

Xuefeng Zhu

Education

University of Illinois at Urbana-Champaign

BS in Computer Science

May 2016

Cumulative GPA: 4.00/4.00



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🌐 github.com/Xuefeng-Zhu

Professional Experience

- **Senior Software Engineer**, Celer Network, Champaign, IL / Mountain View, CA September 2018 - Present
 - Designed and Implemented state channel and cEconomy smart contract
 - Maintained developer documentation and support website
 - Developed Celer iOS application
 - Technologies got to work on: `Solidity` `Truffle` `Remix` `Ethereum` `Javascript` `Go` `Swift` `Docusaurus`
- **Software Engineer**, Oath / Yahoo, Champaign, IL June 2017 - September 2018
 - Developed and released an open source analysis report framework Navi
 - Built and enhanced an internal product KPI analysis platform
 - Technologies got to work on: `Ember.js` `Less` `Qunit` `Cucumber` `Sauce Lab` `Lerna` `Express` `Phantom` `Elide`
- **Software Engineer**, Veriflow, Champaign, IL December 2015 - June 2017
 - Created policy and network topology manager for intent-based networking
 - Migrated the web application from Backbone to Marionette, and eventually landed Vue
 - Profiled, analyzed and optimized client and web service performance
 - Technologies got to work on: `Marionette` `Vue` `D3` `Lodash` `Selenium` `Flask` `Socket.IO` `OrientDB` `Vagrant`
- **Software Engineer Intern**, Evernote, Redwood City, CA June 2015 - August 2015
 - Built the image gallery and next generation work chat for Evernote web client
 - Enhanced the search view and notebook sharing experience on Evernote web client
 - Technologies got to work on: `GWT` `Thrift` `Stripes` `Less` `Jira` `Gerrit`

Research Experience

- **Theory-based causal modeling toolkit for big data applications** May 2016 - May 2018
Supervised by: Zahra Mohagehgh, Justin Pence
 - Designed and built the web application used to construct the causal models
- **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
- **Healthcare Information System For Mining Drug Side Effects** February 2014 - 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

Leadership Experience

- **Director of Information at Engineering Council** April 2014 - April 2015
 - Improved and redesigned the my.ec and the ec.illinois websites
 - Managed and maintained the maillist and ec web server
 - Cooperated with committees and organized related activities and events

📌 Extra Curricular Awards

- Bronze Tablet Recipient 2016
- John R. Pasta Outstanding Undergraduate Award 2015

⚙️ Projects

- **Google Sheet based SQL Engine**
 - A SQL engine letting users store data and run SQL Query in Google Sheet
- **Eth Payroll**
 - A trustless payroll system built on Ethereum
 - Full stack Dapp development course based on this project
- **Micro Subscription**
 - Pay per use subscription solution for cloud service based on micro payment and onchain oracle
- **Open Source Projects**
 - Actively contribute to open source projects on Github

☰ Technical Skills

- Favorite Languages: Javascript Python
- Other Languages: Swift Go Solidity Ruby C C++ Java Ocaml SQL
- Experience With: React D3 React Native iOS Meteor Express Flask Rails Ethereum
Firebase MongoDB PostgreSQL Redis RabbitMQ Docker Kubernetes