

# Xuefeng Zhu

## Education

University of Illinois at Urbana-Champaign

BS in Computer Science



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May 2016

Cumulative GPA: 4.00/4.00

## Professional Experience

- **Senior Software Engineer**, Celer Network, Champaign, IL September 2018 - Present
  - Designed and Implemented state channel and cEconomy smart contracts
  - 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 Veriflow web client 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 an 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 Mohagegh, Justin Pence
  - Designed and built a web application to construct 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
  - Designed and Built a web application to explore drug information
- **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 my.ec and ec.illinois websites
  - Managed and maintained the ec maillist and the 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