# Xuefeng Zhu

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○ **github.com/Xuefeng-Zhu**

## 🎓 Education

**University of Illinois at Urbana-Champaign** — May 2016
BS in Computer Science — *Cumulative GPA: 4.00/4.00*

## 💼 Professional Experience

- **Senior Software Engineer**, ChainScale, Champaign, IL / Mountain View, CA
  - Designed and Implemented state channel and cEconomy smart contract — September 2018 - Present
  - Developed Celer iOS application
  - Maintained developer documentation and support website
  - 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 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
  - Migrated the web application from Backbone to Marionette, and eventually landed Vue
  - Created and enhanced policy timeline and network topology visualization
  - 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 - 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 - 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` `Postgre` `Redis` `RabbitMQ` `Docker` `Kubernetes`