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**, 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 and HTTP client
    - 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 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: Justin Pence, Zahra Mohagehgh
    - 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 a Chrome extension for Internet speed measurement
- **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 implemented 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 Engineering Council mailing list and web server
    - Cooperated with committees and organized college-wide activities and events

🔖 Extra Curricular Awards

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

⚙ Projects

- **SheetSQL**
    - A SQL engine letting users store data and run SQL Query in Google Sheet
- **Eth Payroll**
    - A trustless payroll system built on Ethereum
    - A full stack Dapp development course based on Eth Payroll project
- **Micro Subscription**
    - A pay per use subscription solution for cloud service based on micropayment and onchain oracle
- **Open Source Projects**
    - Actively contribute to open source projects on Github including Zappa, vectorious, and ember addons

☷ 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`