

# Yi Chao

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**PROFICIENT:** Javascript, Express, Node.js, Sequelize, Angular, Jasmine, Mocha, Chai, HTML, CSS, SCSS, React, Redux, Webpack, jQuery, Bootstrap, NPM

**LEARNING:** Machine Learning, Python, D3

## PROJECTS

**HelloCodeJS** | <http://www.hellocodejs.com> | [GITHUB](#)

*An app for developers that statically analyzes github repos and visualizes the code to make it easier to understand a new codebase. **Powered by React, Redux, NodeJS, Express, and Esprima***

- Created the visualization component of the application from scratch using PaperJS. Aided in wiring up the different front-end components.

**ReactNotes** | [GITHUB](#)

*A full-stack note/forum app. A fully-functional CRUD app that can fetch, create, modify, or destroy a resource on the server. **Powered by React and Express***

- Wrote the front-end and back-end. Figured out how to handle cookie-session with Express, how to do basic encryption of the user session, and other fun challenges.

**GlobalHack6** | [GITHUB](#)

*A fully-functional app for homeless caseworkers that generates filled-out identification forms pulled from existing data provided; produced during the GlobalHack Hackathon. **Powered by AngularJS, Express, and Google Maps API.***

- Responsible for large chunk of the front-end. Used Angular and integrated Google Maps into Angular.

## WORK EXPERIENCE

**Zurich North America | Actuarial Analyst | Schaumburg, IL**

**Jan 2014 - Mar 2016**

- Developed software solution for team to automate data analysis that became widely adopted within my group, saving the equivalent of ten work-days per year
- Used SQL and SAS to analyze various books of insurance.

**Zurich North America | Actuarial Intern | Schaumburg, IL**

**Jun 2013 - Aug 2013**

- Took advantage of company database API to automate comparison and analysis of insurance policies.
- Examined Contractor's Pollution Liability (CPL) insurance policies actual price-to-technical price ratios for different policy sizes in order to evaluate technical pricing.

## EDUCATION

**Fullstack Academy**

**Oct 2016**

- Immersive 3-month software development bootcamp specializing in full stack javascript.

**Georgia State University**

**Dec 2013**

- *M.S., Actuarial Science*

**UC Berkeley**

**Dec 2010**

- *B.A., Mathematics*

- Cal Alumni Leadership Scholar, UC Berkeley Regents Scholar, National Merit Scholar