

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: Natural Language Processing, Machine Learning, Python

PROJECTS

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.

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.

TrumpVsHillary | [GITHUB](#)

*Analyzed sentiment of Trump and Hillary nomination acceptance speeches. **Powered by React and NodeJS***

- Used a sentiment dictionary to assign speeches sentiment scores using NodeJS. Displayed using react-vis

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