

Jonathan Cannon

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Skills

Strong: React, Redux, Express, Node, NPM platform, Sequelize ORM, PostgreSQL
Experience: AWS (EC2, Route 53), Heroku, Webpack, TDD (Mocha/Chai), D3 library, CI/CD (Travis, PM2), Bash, Linux

Education

University of Chicago- Honors Bachelor of Arts in Political Science, 2009

Experience

Fullstack Academy of Code

New York, NY

1/2019 – 3/2019

Projects:

Redux Genie

- Published NPM library with extensive readme, man entry, and project website
- Developer facing Node.js command line interface tool that automates writing and managing Redux store boilerplate code. Generates a complete and valid Redux store with CRUD methods from user yml template. Injects code into the existing store from CLI
- Designed and coded global BASH command methods for target user
- Designed and coded diffing process to compare and generate updates to store from yml file
- Implemented asynchronous Mocha/Chai testing process to simulate a series of command line inputs to the program and validates results of Node processes calls.
- Scheduled to present at React NYC May 23, 2019
- NPM: <https://www.npmjs.com/package/redux-genie>
- Documentation: <http://redux-genie.net/>
- Codebase: <https://github.com/lovely-libras/redux-genie>

Concept Parser

- React app with D3 component bindings, Express/PostgreSQL backend
- Deployed to Amazon EC2 utilizing PM2 for continuous delivery
- Data visualization tool to render concepts contained within texts as a 3D network graph which can be analyzed, manipulated, and queried
- Engineered natural language processing operations to parse and tokenize large texts
- The sample use case was Hegel's "Science of Logic," which yielded 5000 concept nodes and 350,000 edges.
- Utilized React.lazy and Suspense to improve package delivery through lazy loading, responsive design pattern implemented through Webpack code splitting and media queries
- Site: <http://concept.joncannon.codes>
- Codebase: https://github.com/iamjoncannon/concept_parser

Paralegal at Fragomen, Del Rey, Bernsen & Loewy, LLP

New York, NY

11/2014 – 6/2018

- Extensive legal writing duties at global immigration firm, including drafting and submitting O-1 and EB1-1 extraordinary ability visa petitions for high profile clients such as Hollywood A-List Actresses and Fortune 100 C-suite executives.
- Automated legal writing process through form templating in Excel/Microsoft Word.