SAMUEL KOGAN

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Technical Skills

Proficient: Javascript, Express.js, PostgreSQL/ORMs, React.js, Redux, Github/agile, HTML5/CSS, Node, ES6
Knowledgeable: Mocha, Chai, Jasmine, TDD, Lodash, Tessel.io, WebSockets, Heroku, Webhooks
Some Experience: Ruby, Travis, Google Cloud APIs

Projects

ChesterTester - Fullstack Developer - 2018 - chesterthetester.com
A game written in React designed to help new developers learn to test code using a custom designed engine.
Accomplishments:
- Led team in developing an education-forward approach to learning TDD
- Wrote many functional components meant to work with others in a modular fashion
- Designed thoughtful graphic interface to help users digest unit-testing.
- Managed team tasks, organizing via GitHub, agile workflow via Asana.

Firestarters - Fullstack Developer - 2018 - torch-store.herokuapp.com
A E-commerce single-page application designed to sell torches; built in a week by four full-stack developers
Accomplishments:
- Designed back-end schema, SQL/Sequelize/Postgres, routing with Express.js
- Wrote React.js/Redux and applied the Semantic UI React.js framework

Newts - Fullstack Developer - 2018 - newts.herokuapp.com
A note taking web app designed to be offline-first
Accomplishments:
- Implemented an offline app from start to finish.
- Used Javascript, Express.js, React.js, Redux, service workers, and multiple open-source libraries.
- Completed project in 3 days

Experience

Loyola University - *Lab Manager* - 2016 - 2018
Brought years of experience in research and protein-analysis to a small lab focused on protein biochemistry. Responsible for training new lab members, managing a 7 strain mouse colony, conducting assays that require precision, and ensuring lab safety standards.

SIELC Technologies Inc - *Research Chemist* - 2012 - 2016
Led a small research facility that focused on creating new technologies in the field of analytical chemistry and streamlining production of commercial chemical products. Followed and created SOPs to produce high precision products, assisted in quality control and method development and worked with a lathe and 3D printer to machine custom parts and tools to further research.

Education

Fullstack Academy of Code, Chicago, IL
- Tessel.io robotics competition winner
DePaul University, Chicago, IL — B.S. Environmental Science
- 2 Published papers, one as third author in a peer-reviewed organic chemistry journal