Rock Zhou

(403)-542-3993
rockzhou.com

Skills

- Javascript, Python, C++, Scheme, MATLAB
- React, Redux, Node, MongoDB, PostgreSQL, Docker

Experience

ConsenSys Fullstack Developer   *Jan 2019 - Apr 2019*

- Migrated existing MVC API to clean architecture, allowing for framework-agnostic business logic that increased developer efficiency
- Reduced test execution time by up to 94% by stubbing database calls and converting unnecessary integration tests into unit tests
- Created GraphQL route and resolvers over existing REST API, allowing for decreased coupling between frontend and backend development
- Thoroughly tested React components with Jest snapshot and pixel match tests to ensure bugs were caught and fixed quickly

ConsenSys Frontend Developer   *May 2018 - Aug 2018*

- Built out application for tokenizing real estate on Ethereum, using Web3JS for chain interactions
- Constructed reusable and extensible React components such as form input, dropdown menu, and a ChartJS wrapper.
- Optimized Redux integration with StreamJS, increasing speed of notification reception by 50%
- Led development of new features including user onboarding, profile page, and sponsor dashboard

Projects

foodiy https://github.com/rocky1638/foodiy   *Sep 2018*

- Created a responsive web app allowing users to view recipes in a convenient way while cooking
- Utilized AWS S3 to allow for effortless recipe image uploading
- Implemented frontend with React & Redux and backend with PostgreSQL & Express

sorcery a card game   *Dec 2018*

- Made use of various object oriented design patterns such as decorator and factory patterns, optimizing code reuse and promoting maintainability
- Implemented a command-line and user-friendly graphical interface using C++ and X11.

Education

University of Waterloo   *2017-2022*

- Candidate for Bachelor's of Computer Science