Ommi Shimizu

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Work History

Monax Industries [New York, NY // Full-Stack Engineer]   **Mar. 2018 - October 2021**
- ❏ Took end-to-end ownership of core front-end and back-end features for the flagship product, a contract lifecycle management platform
- ❏ Strategized with design and product team members on the production of user stories, feature specs, and UI/UX designs
- ❏ Collaborated with other engineers on the architecture and development of major features
- ❏ Onboarded new engineers and contractors and provided assistance while they gained familiarity with the codebase
- ❏ Wrote unit and integration tests using tools such as Mocha, Chai, Jest, Enzyme, and React Testing Library
- ❏ Built and maintained features around the platform's event queue such as a system for managing relative and repeating dates occurring on user agreements
- ❏ Added a system for consistent and scalable error handling to the API
- ❏ Improved upon the existing code generation to allow the engineering team to work more efficiently

App Academy [New York, NY // Teaching Assistant]   **Nov. 2017 - Feb. 2018**
- ❏ Answered students' conceptual and technical questions regarding coursework
- ❏ Managed full stack projects of 7 students by providing feedback on implementation details such as their project timeline, DB schema, redux state shape, frontend and backend routes, and performance issues

Skills

- Javascript	- Typescript	- Node.js	- Express	- React	- Redux	- SQL
- Jest	- Mocha	- CSS/Saas	- OpenAPI	- Kubernetes	- Docker	- Git

Projects

Online Games [Node.js, Express, Websockets, Typescript, React]   Live | GitHub
Various multiplayer board games implemented as online games.
- ❏ Implemented live gameplay via websockets
- ❏ Utilized the i18next framework to internationalize the app and allow gameplay between users of different languages

Omninote [Rails, ReactJS, Redux]   Live | GitHub
Application inspired by Evernote for organizing notes with notebooks, tags, and location flags.
- ❏ Utilized ReactQuill library for rich-format text and Amazon S3 for storing images
- ❏ Implemented optimizations such as a debouncing autosave function

Data Structures [ReactJS, CSS3]   Live | GitHub
Visualizations of various data structures.
- ❏ Built data structures such as a BST, trie, hashmap, and LRU cache, and created visualizations of how they can be searched and manipulated

Education

App Academy [New York, NY // Full Stack Web Development]   **Sept. - Nov. 2017**
Teaches Rails, SQL, JS, React, Redux, TDD, algorithms, and programming best practices

Boston University [Boston, MA // B.A. in Biology]   **2008 - 2012**
Specialization in Ecology & Conservation Biology