Jonathan Liu

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LinkedIn | GitHub | Portfolio Site

JL

EXPERTISE

Ruby	Rails	JavaScript	Redux	HTML	SQL
Three.js	jQuery	React.js	Python	CSS	Git

PROJECTS

Ask()   Live Site | Github
Single-page application for asking and answering questions inspired by Quora. Created using Ruby on Rails, React, and Redux.

- Secured user data with a customized authentication system integrating both the front and backend.
- Optimized data-fetching by bundling JSON responses into a single template for each view, minimizing the number of AJAX requests required to load a page.
- Leveraged the PgSearch Ruby gem for PostgreSQL database to create a search bar with a fully-functional autocomplete feature.

Synesthesia   Live Site | Github
Browser-based music visualizer created with the three.js 3D rendering library and the Web Audio API.

- Designed visualizations in three.js with cube, tube, and particle geometries.
- Allowed users to customize their experience by supporting local music uploads.

EXPERIENCE

Administrative and IT, Contract | December 2016 - March 2017
Medows CPA, New York, NY

- Developed scripts in Python to handle batch file transfers and increase employee efficiency.
- Onboarded 2000 clients from a firm merger into new Client Relationship Management and Document Management System software.
- Managed the company network and expanded the workstation domain by 40%.

EDUCATION

APP ACADEMY (Summer 2017)
Immersive software engineering program with 1000+ hours of coding and < 3% acceptance rate. Curriculum emphasis on full-stack development, algorithms, and data structures.

YALE UNIVERSITY (Spring 2015)
BA - Economics