Eugene Cheng

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Github
Linkedin
Portfolio

Projects

Yowl (*Rails, React.js, Redux, PostgreSQL*)
Single page web application based on Yelp
- Enables RESTful JSON API for creating new users, locating businesses, and making reviews
- Caches database queries client-side in Redux store to prevent unnecessary queries and optimize load time
- Integrates Google Map API for geolocation, providing visualization of business locations

Crystal Hunter (*JavaScript, CSS3, HTML5 Canvas*)
Browser game based on Sokoban using Object-Oriented design
- Incorporates Easel.js library to simplify HTML Canvas functionality and create more visually appealing gaming experience
- Leverages inheritance through Tile parent class for extensible game objects and DRY code

JEasy (*JavaScript*)
Lightweight JavaScript DOM Manipulation Library
- Simplifies DOM manipulation, event handling, and Ajax requests, allowing for more readable and concise code

Experience

INTEL-NTU Connected Computing Center   Taipei City, Taiwan
Research Intern   June 2016-August 2016
- Implemented LED light warning system using Python
- Researched internet of things implementations for smarter technologies in daily use
- Created a security system by combining LED lights, sound sensors, and thermal sensors through NTU's WuKong IoT middleware system

Breaking Walls   New York, NY
Facilitator/Ensemble Building Consultant   March 2015-September 2015
- Mentored 30 student artists through team building activities and group excursions
- Co-authored organizations' guidebook

Ourz Fashion Inc.   New York, NY
Sales Representative   August 2012-August 2014
- Updated company website with new products and sales using Magento

SKILLS

Ruby	Rails
JavaScript	React
jQuery	HTML
Git	SQL
Python	C
CSS	Java

Education

App Academy
New York, NY
Full-Stack Development
August 2016-Present
- 12-week full-stack web development bootcamp
- Emphasized coding style, best practices, and sustainable development

New York University
New York, NY
Bachelor of Arts Chemistry
September 2012-May 2016
- Minor in Computer Science

Languages

English, Mandarin
Chinese, Spanish(basic)