Eugene Cheng

Software Developer

Projects

2017 **Yowl** Github | Live
(Rails, React.js, Redux, PostgreSQL)
Single page web application based on Yelp
- Enabled RESTful JSON API for creating new users, locating businesses, and writing reviews
- Cached database queries client-side in Redux store to prevent unnecessary queries, optimizing load time
- Integrated Google Map API for geolocation, providing visualization of business locations

2016 **Crystal Hunter** Github | Live
(JavaScript, CSS3, HTML5, Canvas)
Browser game based on Sokoban using Object-Oriented Design
- Incorporated EaselJS library to simplify HTML Canvas
- Utilized event handling for document to JavaScript Interaction
- Leveraged inheritance through Tile superclass for extensible game objects and DRY code

2016 **JEasy** Github
(JavaScript)
Lightweight JavaScript DOM Manipulation Library
- Simplified DOM manipulation, event handling, and AJAX requests

Experience

2016 **Intel-NTU Connected Computing Center** Taipei City, Taiwan
Research Intern
- 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

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

2012-2014 **Ourz Fashion Inc.** New York, New York
Sales Representative
- Updated company site with new products using Magento

Contact

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LinkedIn

Github

Personal Site

Skills

React.js	JavaScript
HTML5	CSS3
Ruby on Rails	Git
PostgreSQL	Webpack
Python	Java

Education

App Academy
Full-Stack Development
2016

New York University
Chemistry
2012-2016