

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

Experience

2017 - 2018 **Zola Suite**

Port Washington, New York

Front End Developer

- Utilized RESTful APIs to create UI interfaces for key features such as Quickbooks integration, email, and accounting
- Updated application UI for key sections of application, such as accounting and tasks, to a more user-friendly interface for better user experience
- Managed communications with key business partners to better understand client needs and create solutions for those needs
- Coordinated with team to prepare for bi-weekly publishes and provided daily project updates to CEO and project manager

2016 **Intel-NTU Connected Computing Center**

Taipei City, Taiwan

Research Intern

- Created a security system by combining LED lights, sound sensors, and thermal sensors through NTU's WuKong Middleware System to demonstrate WuKong's technological capabilities for better marketability
- Implemented LED light warning system using Python and utilized Adafruit Python library to design specific patterns
- Researched internet of things implementations for smarter technologies in daily use

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

Knockout.js Webpack

Python Java

Education

App Academy

Full-Stack Development
2016

New York University

Chemistry

2012-2016