

# 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

2017-2018 **Zola Suite**

Port Washington, New York

**Front End Developer**

- Utilized RESTful APIs created by back-end developers to create UI interfaces for key features such as Quickbooks integration, email, and accounting
- Restructured existing code base for greater readability, and performance
- Participated in daily recaps and dev meetings to track progress and ensure development deadlines were met

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 Middleware System

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

