

# Zach Vary

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Dedicated Full Stack Web Developer with a commitment to collaborative learning, education, development and production. Integrating experience in Javascript, React, and Ruby/Rails with a background in philosophy, I am happiest when working with a team of driven and creative developers committed to reaching new heights with software and web technology.

## TECHNICAL PROJECTS

### Ghostly Realty (work in progress!):

[Github Front End](#) | [Github Back End](#) | [Demo](#)

*This app helps ghosts find a new house to haunt, and mediums to share haunted properties! A real-estate app with a fun twist.*

- + React/Redux Front End with Typescript, Auth/Sessions with JWT, advanced React features, and Jest/Enzyme tests
- + Implemented AWS S3 for cloud storage with an integrated custom IBM Watson Visual Recognition machine learning model
- + Personal Project used as a learning tool for TS, React updates, testing, docker/containers, security practices, and AWS

### Dream Collage:

[Github Front End](#) | [Github Back End](#) | [Demo](#)

*This diy photo editor intelligently analyzes and visualizes entries in your dream journal with interactive collages*

- + Created a front-end single-page user interface with React and Redux
- + Implemented a number of node libraries and third-party APIs to create an interactive user experience
- + Persisted data with a custom-built Rails API back-end

### Hoppington Village:

[Github Repo](#) | [Demo](#)

*Adopt and take care of your very own pet rabbit who needs rest, food, and new outfits!*

- + Set up a full rails api back-end with MVC structure and a relational database
- + Implemented a full user authentication/authorization protocol with JWT
- + Used custom css to style, structure, and animate a front-end single-page React interface

### Squirrel Survive!:

[Github Front End](#) | [Github Back End](#) | [Demo](#)

*A lone squirrel and his trusty bazooka must survive waves of attacking aliens using a range of strategies*

- + Used object-oriented vanilla JS to create a single-page game application
- + Interacted with the DOM dynamically with Javascript's native methods
- + Used asynchronous fetch requests to populate and persist user data.

## TECHNICAL SKILLS

Javascript | React | Redux | Ruby | Rails | TypeScript | AJAX | Bootstrap/Semantic | API usage | Relational Databases | Front End design | css

## EMPLOYMENT HISTORY

### Flatiron School, New York, NY

Software Engineering Coach, *June 2018 - present*

- + Mastered Flatiron curriculum in order to effectively work one-on-one and in groups with students tackling complex problems, frameworks, projects, and algorithms.
- + Gave 1-2 hour-long in-depth lectures on technical topics in web development, programming, and back-end architecture
- + Designed and deployed new programs for the Flatiron curriculum

### St. Mazie's Bar & Supper Club, Brooklyn, NY

Bartender, *June 2016 - February 2018*

### Stribling & Associates, New York, NY

Listings Specialist, *July 2014 - June 2016*

- + Maintained listings on a real estate website, working with databases, internet archives, and various media to provide technical support and upkeep on several different websites.

## EDUCATION

### Flatiron School - 2018

New York, NY

- + Full Stack Web Development, Ruby on Rails and JavaScript/React immersive in-person program

### New York University - 2013

New York, NY

- + Graduated in May 2013, receiving a B.A. in Individualized Study with a focus on Philosophy and creative writing
- + Earned the NYU Founders' Day Award as a Senior for "outstanding scholarship"