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## PROJECTS

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### **Baxter (JavaScript, React, Redux, HTML, CSS, Ruby on Rails)**

A RESTful, single-page service-booking app inspired by Rover

- Implements a Ruby on Rails framework on a PostgreSQL database that interacts with Redux and React to allow for predictable DOM rendering
- Utilizes reusable, DRY React components, improving code maintainability and scalability
- Employs AWS S3 and the gems Paperclip and Figaro to allow users to upload images to the cloud securely
- Integrates Google Maps APIs to allow users to search based on the current bounds of the map and optional filters (i.e. rates, availability)

### **Words with Myself (JavaScript, HTML, CSS, jQuery)**

A single-page word game inspired by Scramble with Friends

- Achieves an Object Oriented Programming design by separating all elements of the DOM into their own classes, which allowed for easier testing and refactoring
- Leverages event handlers on certain mouse events to manipulate the app's state and DOM
- Incorporates Google's Firebase Realtime Database to update and render a universal leaderboard in realtime

### **vanillaQuery (JavaScript)**

A DOM manipulation library that I developed using only JavaScript inspired by jQuery

- Employs the native DOM API to control AJAX requests, DOM manipulation and traversal, and event handling.

## SKILLS

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Ruby, JavaScript, CSS, jQuery, HTML, React.js, Git, SQL, RSpec, Ruby on Rails, Flex, AWS S3/Paperclip, Google Maps API

## EDUCATION

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### **App Academy**

Full-Stack Developer 2018

1000-hour full-stack programming bootcamp with <5% acceptance rate

Teaches full-stack web development: TDD, algorithms, OOP, and programming best practices

### **University of Rochester**

Biology 2007

## EMPLOYMENT

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### **Nu-Trend Cleaners, Small Business Owner/Manager, Monsey, New York**

2011 - 2017

- Oversaw all operations and led a diverse team to gains in revenue every year
- Initiated new inventory and usage protocols, reducing waste and increasing efficiency
- Introduced a new computer system to automate customer transactions, record keeping, and customer outreach and alerts, enlarging the customer base and enhancing productivity

### **Elite English Institute, English Teacher, Seoul, South Korea**

2008 - 2011

- Designed English curriculum for pre-kindergarten students which leveraged the students' knowledge of Korean, resulting in marked enhancements in pronunciation, literacy, and enthusiasm
- Created comprehensive lesson plans for students preparing for SAT and ESL proficiency exams (i.e., TESOL, TOEFL) resulting in improved students' scores