

# Alfred Allegretti

## Software Engineer

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**SKILLS** React, Redux, Rails, JavaScript, Ruby, jQuery, TDD, HTML5, CSS3, SQL, Git, AWS, PostgreSQL, SQLite3

## PROJECTS

**Kelp!** (React, Redux, Rails, JavaScript, CSS3, Webpack, PostgreSQL, AWS)

[Live Link](#) | [Git Link](#)

*Kelp! is a single page web application inspired by Yelp that has a SpongeBob SquarePants theme. Users can search for businesses, create accounts, and leave reviews.*

- Built custom search using Rails and Redux, allowing users to filter businesses by data from tables
- Implemented back and front end user authentication by combining Rails conventions, Active Record, and customized React-Router higher order components for best user experience
- Connected the back end to AWS S3 for photo storage and organization, increasing security and scalability
- Managed businesses CRUD through custom transactional database operations using Active Record and PostgreSQL, allowing users to write reviews and leave ratings

**FF-Statty** (JavaScript, HTML5, CSS3, Webpack, D3.js)

[Live Link](#) | [Git Link](#)

*FF-Statty is a data visualization project that shows a searched player's statistics and fantasy football points.*

- Created a dynamic visualization of API data using only pure JavaScript and D3 to manipulate the DOM
- Utilized D3.js to represent a comparison of the Fantasy Football points of a searched player against the top scorer and average at each offensive position as a bar chart
- Aggregated external API data of varying formats from multiple sources into a cohesive custom JSON object optimized for parsability and easy retrieval of necessary data for user interface

## EXPERIENCE

**Home Abstract Corp.**

Brooklyn, NY

**Sales Representative**

**January 2019 - June 2019**

- Communicated with customers and prospects by phone or email in response to CRM system reminders and leads provided through marketing efforts
- Excellent verbal and interpersonal skills. Worked well as individual producer and team member in the achievement of sales objectives
- Developed positive rapport with people at all levels of responsibility

**Bayside Fuel Oil Depot Corp.**

Brooklyn, NY

**Accounting Assistant**

**June 2015 - December 2018**

- Processed invoices for payment, reviewed them for accuracy and reconciled sales on a daily basis
- Used Excel formulas, worked with pivot tables and used VLOOKUP to organize and manipulate incoming data

## EDUCATION

**App Academy**

**New York, New York**

*Rigorous 1000-hour software development course with < 3% acceptance rate*

August 2019 - November 2019

**Mount Saint Mary College**

**Newburgh, NY**

*Master of Business Administration*

Graduation date: May 2018

**Mount Saint Mary College**

**Newburgh, NY**

*Bachelor of Science in Accounting*

Graduation date: May 2017