

# Alfred Allegretti

## Software Engineer, M.B.A

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

## EDUCATION

### [App Academy](#)

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

New York, New York

Graduation date: November 2019

### [Mount Saint Mary College](#)

Master of Business Administration

Newburgh, New York

Graduation date: May 2018

### [Mount Saint Mary College](#)

Bachelor of Science in Accounting

Newburgh, New York

Graduation date: May 2017

## EXPERIENCE

### Software Engineer/Freelance

2019 - Present

**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 React Router and components that use user input to filter businesses by name
- Implemented back and front end user authentication by combining Rails conventions, Active Record, and customized React Router higher-order components for quicker load times, better security, and the overall best possible user experience
- Connected the back end to AWS through S3 buckets for photo storage and organization, increasing security and scalability
- Managed businesses CRUD through Rails controllers using Active Record and PostgreSQL, allowing users to write reviews, delete their 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 data retrieved from SleeperBot's API using pure JavaScript, HTML, CSS, and D3.js 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 player 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

### [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