

# Edward Herman

281-380-6025   New York, NY   [Github Profile](#)   [LinkedIn Profile](#)   [AngelList](#)   [edward.herman.87@gmail.com](mailto:edward.herman.87@gmail.com)

**SKILLS** React, Redux, Rails, Javascript, Ruby, Jbuilder, jQuery, MongoDB, Mongoose, Express, Node.js, D3.js TDD, HTML5, CSS3, SASS, PostgreSQL, Heroku, Github, Webpack

## PROJECTS

**SpringBoard** (Ruby on Rails, React, Redux, PostgreSQL, JavaScript, HTML5, CSS3, Webpack, Heroku) [Live Site](#) | [Github](#)

*A basecamp clone where users can collect project details in todo-lists, a message board, and schedule.*

- Utilized React-Redux containers to architect modular components which were reused for 75% of the front end keeping the codebase DRY.
- Optimized back end routes using Rails and JBuilder in order to decrease queries giving the user less load-time for more information.

**plantr** (Javascript, MongoDB, mongoose, Express, React, Redux, CSS3, Webpack, PostgreSQL, Heroku) [Live Site](#) | [Github](#)

*Collect your houseplants in a 'garden' to receive watering and check in reminders.*

- Designed a joins architecture with mongoose's schema methods which enabled users the ability to collect plants in their digital garden.
- Created validations for MongoDB documents taking advantage of mongoose validator methods
- Implemented User Auth by encrypting user details via the JSON Webtoken library to be sent over HTTP ensuring unencrypted passwords are not saved to our database.

**BBG-Tree-Explorer** (JavaScript, D3.js, HTML5, CSS3, Webpack) [Live Site](#) | [Github](#)

*Explore Brooklyn Botanic Garden's Living Collection Database.*

- Used D3.js v5 to create a tree data-visualization giving users the ability to find a list of plant specimens in any part of the gardens.
- Animated the collapse and expansion of tree branches using JS DOM manipulation so that users can directly interact with the visualization.
- Converted BBG's csv database into hierarchical structure utilizing a combination of D3.js and custom algorithms.

## EXPERIENCE

**Stage Manager**

**New York, New York**

*Freelance*

2009 - 2019

- Engaged in proactive problem-solving to solve backstage bottlenecks allowing critical time to be spent on audience-facing details.
- Created and maintained databases of information for all design departments and ensured that all moving parts worked in concert to create a seamless performance.
- Managed large and diverse teams made up of actors, crew, and other stage managers to ensure efficient use of time and resources.

**Event Associate - New York City Marathon**

**New York, New York**

*New York Road Runners - Part Time*

2015 - 2019

- Automated the creation of one-sheets for 119 different performances enabling me to prioritize other responsibilities.
- Remotely coordinated overnight load-in teams across New York City ensuring show-readiness for 50,000 runners

## EDUCATION

**App Academy**

**New York, New York**

*Curriculum of Study in Web Development (Ruby on Rails and JavaScript)*

September 2019- January 2020

**Southwestern University**

**Georgetown, Tx**

*Bachelor of Fine Arts in Technical Theatre (Concentration: Design and Technology)*

Class of 2010