

# VICTOR SCHOLZ

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## SUMMARY

Driven software engineer with experience building full stack applications with Ruby, Rails, JavaScript, React, SQL databases, and RESTful API architecture. A background in the service industry combines a proficiency in collaboration and team empowerment, with a passion for problem solving.

## TECHNICAL SKILLS

JavaScript, React, Three.js, Cannon.js, Ruby, Ruby on Rails, HTML, CSS, Postgres, PostGis, SQL, Git, Heroku

## TECHNICAL PROJECTS

**Aeropress Dice** – [Demo](#) | [Video](#) | [GitHub](#)

*3D Physics based application inspired by the Aeropress dice product that allows the user to roll the dice and save recipes.*

- Created in React with the React-Three-Fiber and Use-Cannon libraries in conjunction with a Rails back-end.
- Constructed a reactive scene with lighting conditions, objects, textures, and shadows with the Three.js library.
- Loaded in custom built and textured 3D glTF models and resized them to the scene.
- Randomized the set velocity, rotation, and position for each dice when thrown on click.
- Added sound effects to the dice throw and recipe save buttons with the use-sound library and imported .wav files.
- Rendered the results of each roll on the plane while utilizing React Hooks to manage state.

**District Build NYC** – [Demo](#) | [Video](#) | [GitHub](#)

*An interactive map of NYC that allows the user to click on any of the 37,000 historical buildings and see it's information.*

- Built a React front-end with a custom MapboxGL.js map and a Rails back-end utilizing a PostGis database.
- Produced an extensive schema for the buildings in conjunction with ActiveRecordSerializers to reorganize the data for the front-end.
- Seeded database with a GeoJSON file from NYC Open Data and loaded that information into the map as a clickable layer.
- Used HTML, CSS, and MapboxGL.js to create a marker and description modal for a building once it is clicked.

**Churn** – [GitHub](#)

*An application that keeps track of credit cards currently available along with their associated fees and categories.*

- Communicated with the CCstack RESTful API endpoint to render credit card information through Rails back-end.
- Engineered user interface using JavaScript and improved user experience with responsive design techniques.

## EXPERIENCE

### THE ESPRESSO SPECIALIST

Brooklyn, NY

Service Manager

Sept. 2019 – July 2020

- Coordinated all scheduling of service and operation of coffee equipment for 3,000 accounts in New York, New Jersey, and Connecticut.
- Handled all invoicing for repair and install work that averaged \$36,000 per week across three technicians.

### THE GLASS KNIFE

Winter Park, FL

Beverage Program Director

July 2018 – June 2019

- Oversaw and led the hiring of a six-person beverage team as well as the drink menu creation for the business.
- Became Onyx Coffee Lab's highest grossing wholesale account with over \$110,000 spent on coffee in one year.

## EDUCATION

### FLATIRON SCHOOL

New York, NY

Full Stack Web Development, Ruby on Rails and JavaScript programming bootcamp

July 2020 – Oct. 2020

### FLORIDA STATE UNIVERSITY – COLLEGE OF SOCIAL SCIENCES

Tallahassee, FL

Bachelor of Science, Interdisciplinary Social Sciences

Sept. 2014 – June 2018

*Concentrations in Social Entrepreneurship and Economics*