

Wellington Fragoso

CELL (646) 595-6378

[E-MAIL](#)

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Javascript, Rails, AJAX, jQuery, HTML5, CSS3, git, TDD, Heroku, Webpack, PostgreSQL, SQL, AWS

PROJECTS

Apocalypse (THREE.js, Blender, HTML5, CSS3, Webpack, FireBase, Javascript) | *Sole Developer*

[Live](#) | [Github](#)

A fully interactive 3D first person shooter game.

- Developed a custom collision detection algorithm for a first-person play that integrated keystroke event listeners which anticipated player direction and velocity.
- Implemented an enemy Artificial Intelligence that responds to player position and movement with randomized velocity and rendering through conditional logic.
- Manipulated and incorporated the Pythagorean Theorem algorithm for player movement and bullet velocity in a 3D plane using THREE.js.

Nextup (Ruby on Rails, React Redux, HTML5, CSS3, AWS S3, Heroku, PostgreSQL) | *Sole Developer*

[Live](#) | [Github](#)

A single page pixel perfect app inspired by Netflix.

- Implemented custom user authentication API, using BCrypt for password encryption requesting users to sign in for full access to the app.
- Designed and integrated a custom video player by adding event listeners that utilized react lifecycle methods and the event loop.
- Created custom SQL queries that reduced server load and increased app optimization through ActiveRecord associations extracting data from multiple tables in a single query.

EXPERIENCE

App Academy

Software Engineer Technical Instructor

June 2019 – Present

- Mentored students in developing projects solely focused on native Javascript utilizing popular libraries such as D3, THREE.js, and Canvas.
- Guided students in building web apps with a focus on a React/Redux frontend and Rails backend.
- Taught and Explained algorithms for abstract data types and their implementation.

Capital One

Banker

Mar 2017 – Feb 2019

- Yielded Capital One \$20 million in account openings over a 12 month period by acquiring new clients in the SoHo area and maintaining rapport with older clientele and their families.
- Trained 10 staff members over the time of 15 months for a seamless personnel transition for clients and supporting staff.
- Directed a team of 8, driving the NPS(Net Promoter Score) to 100% for customer satisfaction by leveraging interpersonal relationships.

Reyes Wine and Liquor

General Manager

Feb 2014 – Dec 2017

- Increased profits by 30% within 6 months of hire by improving employee morale, through outing events and paid after-work activities.
- Expanded the sale radius by building and administering the company's first website and social media platforms to promote products.
- Monitored and populated the company's POS database for inventory and daily reports guaranteed a dynamic and instant flow of accurate information.

EDUCATION

App Academy - (2019)- *An elite 12-week, rigorous 1000 hour full-stack programming Bootcamp with less than 3% acceptance rate*

Hunter College - *Biochemistry* - 2012-2016