Nigel Rodriguez

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EDUCATION

Boston University, Boston, MA
B.S. Mechanical Engineering

SKILLS

HTML, CSS, JavaScript, React, Bootstrap, Sass, Git, Webpack

PROJECTS

Movie/TV Show Tracker – *Live Site*
- Find TV shows and movies, view show/movie details and see recommended/similar shows and movies.
- Users can add movies and shows to multiple watch lists for easy tracking. All lists are also saved using local storage.
- Movie/Show data fetched from the TMDB API.
- Implemented use of React Hooks and Router.
- Built using HTML, CSS, JavaScript, React, and Bootstrap.

Memory Game – *Live Site*
- Simpsons themed memory game where the player must click each character only once until every character is clicked.
- The characters are shuffled on every click and both the current and best score are saved using local storage.
- Built using HTML, CSS, JavaScript, and React.

Resume Builder – *Live Site*
- Generates a resume based on form input.
- User inputs info in each page then end result shows.
- Features form handling, React Hooks, Router, and Framer Motion.
- Built using HTML, CSS, JavaScript, React, and Bootstrap.

Weather App – *Live Site*
- Weather app that uses the OpenWeatherMap API to fetch the current weather for any location.
- The user can switch between Fahrenheit and Celsius and also includes a dynamic background changes based on the time of day.
- Built using HTML, CSS, and JavaScript.

WORK EXPERIENCE

Tower Enterprises, New York, NY   May 2019 – June 2022
Sales Engineer
- Developed proposals for engineers and building owners for bidding of HVAC mechanical equipment.
- Analyzed customer design proposals and specifications, evaluated proposals and suggested estimates for the project.
- Conducted site surveys and provided estimates based on client needs and requirements.
- Consulted with customers to trace malfunctions, identify root causes and complete full repairs of equipment.

JCA & Associates, New York, NY   August 2018 - May 2019
Assistant Project Manager
- Acted as a liaison between clients and the NYC Department of Buildings.
- Helped clients acquire building permits, resolve building violations, and submit or withdraw any documents from the Department of Buildings.
- Worked with engineers and architects to create designs based on client's needs and ensure all designs were compliant with city building requirements.