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Nigel Rodriguez
New York, NY

Portfolio: nrod42.github.io/portfolio

GitHub: github.com/nrod42

EDUCATION

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

SKILLS

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

PROJECTS

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

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

Resume Builder – *Live Site | Source Code*
- Generates a resume based on user form inputs.
- Users are able to download the generated resume as a PDF.
- Features form handling, React Hooks, Router, and Framer Motion.
- Built using HTML, CSS, JavaScript, React, and Bootstrap.

Weather App – *Live Site | Source Code*
- Weather app that uses the OpenWeatherMap API to fetch the current weather for any location.
- Users can easily switch between Fahrenheit and Celsius.
- 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 contractors for the bidding of HVAC mechanical equipment.
- Analyzed customer design proposals and specifications, evaluated proposals, and suggested estimates for projects.
- 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/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.