Thomas Drzewiecki

tjdrzewiecki@gmail.com | (443) 730-3157 | github.com/tjdrz | tjdrz.com

Technical Skills

HTML, CSS, JavaScript, ReactJS, React Router, NodeJS, NPM, Git/Github, Webpack

Projects

Weather App
- Displays the weather based on the desired location of the user's input
- Utilized the OpenWeatherMap API in an async function, while using try/catch
- Kept API and constructor code out of DOM manipulation in a MVC fashion
- Created a webpack config with standard entry/output and loaders

HTML Forms
- Takes in desired inputs and validates them on the browser front-end
- Focused on semantic HTML and accessibility for a superb user experience
- Introduced custom form validation using the JavaScript Validation API
- Made use of regular expressions for custom email validation in a JavaScript file

CV Application
- Allows the creation of a resume, with the ability to save and print the outcome
- Created using create-react-app to introduce ReactJS into the project
- Highly focused on reusable components throughout the application
- Originally created using class components and later upgraded to hooks to demonstrate efficient use of both modern and legacy formats

To-Do List
- Creates individual tasks and larger projects, while allowing saves to the local browser
- Separated modules to create a MVC type program with OOP and SOLID principles
- Created Webpack, ESLint, and Prettier config files to optimize workflow
- Built a save system using localStorage for practical user use

Work Experience

Aviation Fabricator   Aug 2010 - Sept 2021
ST Engineering   Middle River, MD
- Improved blueprints/production plans for metal-bond's epoxy and curing tasks, in order to improve consistency and efficiency
- Created a strong work center focused on a "quality first" thought process, while always keeping schedules in order
- Implemented the standard of the CF6 and CF34 thrust reverser's sanding and rout & trim, thus improving quality, cost, and safety

Education

TESST College of Technology - Baltimore   2008
Associate of Applied Science - Network Information Systems, GPA: 3.8   Baltimore, MD