DAVID WOOLNER

(347) 882-6981   DavidWoolner@gmail.com   Ridgefield, CT   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

JavaScript, React, Redux, HTML, CSS, SCSS, Ruby, Ruby on Rails, Python, Pandas, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Lua, Webpack, Bootstrap, jQuery, Git, Heroku, AWS, Agile, Object Oriented Programming (OOP), TDD

EXPERIENCE

Web Designer

Noir Network Solutions, Inc.   Oct 2020 - Present

- Refactored client websites with HTML5, CSS3, and media queries, increasing usability across platforms and improving UXs.
- Integrated marketing campaigns into websites, boosting SEO which increased brand awareness.
- Implemented AWS S3 buckets for media storage, improving load times.

Lighting Console Programmer *(see IMDB.com for full list)*

Netflix   Oct 2006 - Apr 2021

- Utilized Lua scripts and OOP principles to optimize lighting console performance, and improved data management.
- Translated Chief Lighting Technician's descriptions and needs into actionable lighting output on a moment's notice, which accelerated lighting setups and reduced cost overruns for the company.
- Researched new technology and network solutions daily, resulting in reduced troubleshooting times, and proficiency in referencing technical documentation.

PROJECTS

COME WHAT MAY   (MongoDB, Express, ReactJS, Node.js, PostgreSQL, HTML5, CSS3)   live | github

A disaster planning app, built on the MERN stack for families to form exit strategies and practice via drills

- Led a small team through a one week sprint to build a site from back to front and learn new technologies, established git workflows to avoid conflicts and maintained smooth communication.
- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Implemented authorized and protected routes to improve performance and protect user information.

ERA BNB   (Rails, ReactJS, Redux, PostgreSQL, HTML5, SCSS, AWS, Mapbox API, React-Calendar API)   live | github

A clone of Airbnb, with a twist: architectural era-specific decor

- Managed scheduling and booking CRUD through transactional database operations using Active Record and PostgreSQL.
- Connected Rails back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM.
- Leveraged auth-based React components to guide the user through hosting and booking interfaces.

NYC CINEMAP   (VanillaJS, HTML5, CSS3, Mapbox API, OMDB API, LocalStorage API, Geolocation API)   live | github

Interactive map of NYC detailing where film scenes have been shot, plus UX/UI to save and later view the film

- Created an algorithm to automate the transformation of spreadsheet data into geoJSON format.
- Harnessed the browser's native LocalStorage API to persist user's film selection, enhancing usability, without the need for a back end.

EDUCATION

Web Development - App Academy   Fall 2021

Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding.

Film, BFA *Cum Laude* - Conservatory of Film at Purchase College   GPA 3.71/4.0   Spring 2006

Received Nancy Jo Abeles & Merit scholarships, made Dean's list.