

DAVID WOOLNER

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Python, Pandas, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, Bootstrap, jQuery, Git, Heroku, AWS

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 team from initial conception of product through to delivery of a UX/UI offering intuitive functionality and minimalism.
- Employed CSS3 flexbox and z-index and React-Modal for a compelling and flexible layout.
- Incorporated custom client-side form validations to avoid unnecessary AJAX requests which improves performance.

ERA BNB (Rails, ReactJS, Redux, PostgreSQL, HTML5, CSS3, AWS, Mapbox API, React-Calendar API)

[live](#) | [github](#)

A full stack clone with of Airbnb built on React, Redux, Ruby on Rails, PostgreSQL

- Managed scheduling and booking CRUD through transactional database operations using Active Record and PostgreSQL
- Implemented asynchronous geo-forwarding and Mapbox APIs which allows the user greater flexibility of choice in their address input format.
- Leveraged auth-based React components to guide user through hosting and booking interfaces.

NYC CINEMAP (VanillaJS, 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 which allowed Mapbox API to plot coordinates for enhanced UX/UI.
- Harnessed the browser's native LocalStorage API to persist user's film selection enhancing usability.
- Rendered a localized experience of cinematic history to the user via the browser's geolocation API.

EXPERIENCE

Lighting Console Programmer - *Why Women Kill season 2*

IATSE Local 728 Hollywood

Oct 2020 - Apr 2021

- Choreographed instantaneous illumination effects consistently on cue with A-list actors' expressions over the course of multi-million dollar production schedule.
- Designed and implemented lighting control network to replace the need for manual operation of lights, reducing potential for spread of *Covid-19* on set by over 50%.

Film/TV Set Lighting Technician - *The Marvelous Mrs. Maisel, Orange is the New Black ...* (see [IMDB.com](https://www.imdb.com) for full list)

IATSE Local 52 NYC

Oct 2006 - Apr 2020

- Worked on a team of motion picture studio engineers to create impactful illumination that resulted in *Emmy* award winning cinematography.
- Oversaw the safe transportation and utilization of over >\$2 million of lighting instruments, with <1% loss or damage.
- Spearheaded workplace tsunami relief fund and successfully engaged producers to match crew contributions.
- Co-managed OITNB weight-loss challenge resulting in 85% goal achievement of participants.
- Volunteered for Occupy Sandy clean up and outreach.

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.

BFA Cum Laude - Purchase College Conservatory of Film

GPA 3.71 Spring 2006

Received Nancy Jo Abeles & Merit scholarships. Dean's list. Thesis film *Advent* won Best Short Film at Silver Lake Film Festival.