

# DAVE WOOLNER

(347) 882-6981

[DaveWoolnerDev@gmail.com](mailto:DaveWoolnerDev@gmail.com) Ridgefield, CT

[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.