# Matthew Greer

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## Skills

**JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Photoshop, Illustrator, SketchUp**

## Projects

**MYTimes Wordcross Online** (Ruby on Rails, PostgreSQL, React / Redux, jbuilder, HTML5, CSS)    Live Site | Github
*Single page web app replicating the New York Times Crossword Online*
- Created original crossword puzzle game with functionality replicating NYTimes web app UI (auto-advancing input, clue highlighting, timer, pause, reset, etc.).
- Streamlined multiple grid sizes into shared React presentational component for efficiency and DRYer code.
- Styled meticulously faithful duplication using HTML, SASS, CSS to achieve a pixel-perfect look and feel.
- Invented, and rendered with Adobe Illustrator, clever twists on icons and brand names, maintaining verisimilitude and enhancing user enjoyment while respecting intellectual property.
- Deployed secure user authentication with React Router & BCrypt, persisting login across sessions with cookies.
- Stored user accounts, puzzle progress, and solving streaks in PostgresSQL DB via RESTful API routes.

**Waylon** (JavaScript, Web Audio API, HTML5, SCSS, Illustrator, Webpack)    Live Site | Github
*Unique scrolling game where users control Waylon the Whale by "speaking whale" into their microphone.*
- Metabolized sound frequencies into motion through Web Audio API to offer a unique voice-control UI.
- Designed and rendered original graphics and logos in Adobe Illustrator and Photoshop, enhancing user appeal.
- Animated Canvas game components with original JavaScript collision box algorithms.

**Muse of Wire** (Node.js, Express.js, Mongoose, MongoDB, React / Redux, Git, Heroku)    Live Site | Github
*Social hub connecting users to the performing and visual arts / artists in an age of social isolation.*
- Originated application concept and name, and assembled production team.
- Led Front-End development, following Git workflow practices to ensure clean master code base and coordination of concurrent development.
- Drafted Photoshop artboards of all views to standardize Front-End teamwork and unify design concepts.
- Presented navigational and content elements specific to user account type, customizing functionality.

## Experience

***Professional Actor (SAG-AFTRA, AEA)***                                      May 1995 - Dec 2019
- Collaborated with A-List talent and celebrated directors in over 50 productions, in leading & supporting roles on Broadway, Off-Broadway, in regional and international theatres, and on television.
- Won awards and accolades including the Presidential Scholar in the Arts medal, a S.A.L.T. award for Best Supporting Actor in a Play, and garnered high praise from such luminaries as Alan Rickman, Jake Gyllenhaal, Liam Neeson, and Meryl Streep.
- Performed under high-pressure circumstances, including repeated work as a standby, thrown into high-profile roles with short notice and minimal rehearsal, ensuring that the show not only "goes on" but goes excellently.

**Web Zeit**
***Project Manager***                                      Aug 1999 - Jan 2001
- Managed maintenance of diverse client Websites (Big Pharma, law, publishing, non-profit, and others), coordinated with design team members, and met or exceeded project deadlines and goals.
- Liaised with clients to communicate strategic updates and address needs and concerns.
- Jumped in where needed in a variety of roles, including coding HTML4 & CSS2, establishing and maintaining office intranet, and general administrative assistance.

## Education

**App Academy**                                      May 2020 - Aug 2020
Intensive 1000+ hour software engineering program (< 3% acceptance rate) with focus on full stack web development.

**The Juilliard School**                                      Aug 1991 - May 1995
*Bachelor of Fine Arts* - world-renowned four-year classical actor training conservatory.