

Sean Woodruff

518-813-2514 sswoodruff89@gmail.com [Portfolio](#) [LinkedIn](#) [Github](#) New York, NY

SKILLS JavaScript, React, Redux, Ruby, Rails, HTML5, Sass, CSS3, PostgreSQL, Node.js, MongoDB, Express, Git, REST, Webpack, Heroku, jQuery, AJAX, Photoshop, Python

EXPERIENCE

SOFTWARE ENGINEER **The Giving Grape (formerly Corona Care USA)** **April 2020 - Current**

- Translate mock-up designs into responsive, mobile-friendly frontend with React components and postcss
- Coordinate bi-weekly meetings with the tech team to share task updates and assign duties
- Review GitHub pull requests to maintain site functionality and code quality when integrating new features
- Implemented community donation pool in under three days, expanding potential donor base and bringing platform in alignment with non-profit regulations
- Strengthened security against injection attacks and bot accounts with regex validations and integrating Twilio's Verify API with Ruby on Rails backend

GRIP, GAFFER, ASSISTANT CAMERA **Freelance** **Apr 2014 - Aug 2019**

- Constructed and dismantled complex light set-ups on numerous projects, often under severe time constraints
- Instructed grips with clear instructions on how and when to complete their tasks
- Inspected the functionality of lighting and camera equipment before and after each project to make sure nothing was damaged

PROJECTS

ANIMETFLIX Ruby on Rails, ReactJS, Redux, HTML5, CSS3, Sass, PostgreSQL, Webpack [Live](#) | [Github](#)

An animation-theme clone of Netflix with toggleable lists, video-playing thumbnails, and user watchlists

- Enhanced search functionality by displaying a list of related content, allowing the user to easily update queries for similar titles
- Built frontend utilizing RESTful APIs and Redux to request and organize movie data based on profile activity, search results, or media type
- Achieved list navigation and thumbnail video playback functionality using React state and lifecycles
- Leveraged AWS S3 database to store video and image files, reducing server load and improving scalability

UPNEXT MongoDB, Express, ReactJS, Node.js, Redux, HTML5, CSS3, Sass, Webpack [Live](#) | [Github](#)

An app that logs a user's movie interests and provides lists of recommendations with a team of 4 developers

- Crafted a single-page, mobile-first, frontend with React-Redux and SCSS that maintains a consistent user experience across all platforms
- Utilized TMDB's API and refactored backend to incorporate TV show lists and queries

FIRE GIRL JavaScript, Canvas, HTML5, CSS3, Google Firebase, Webpack, Photoshop [Live](#) | [Github](#)

A 2D action platformer demo that harkens back to the 16bit era of games

- Produced multilayered collision detection that dictates platforming physics based on coordinates and acceleration
- Developed multiple enemy AIs that responds to player position and actions for varied and challenging combat
- Designed background and level platform textures with Photoshop for a layered and immersive gaming experience

EDUCATION

New York University - BA Cinema Studies, 2008-2012

AppAcademy - 2019 - 2020 - Software engineering bootcamp with a strong focus on Full Stack and Test Driven development