

# Sean Woodruff

518-813-2514   [sswoodruff89@gmail.com](mailto: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, Python3

## EXPERIENCE

- SOFTWARE ENGINEER**                      **The Giving Grape (formerly Corona Care USA)**                      **April 2020 - Current**
- Translated mock-up designs into responsive, mobile-friendly frontend with React components and postcss
  - 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
  - Collaborated with a team of developers following proper git workflow protocol through constant communication and a structured process of commits and pushes to avoid merge conflicts
- 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