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, jQuery, AJAX, Photoshop, Python

EXPERIENCE

SOFTWARE ENGINEER   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