ROB KORNBLUM

(718) 926-7738   RobKornblum44@gmail.com Brooklyn, NY   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, jQuery, Webpack, jBuilder, Heroku, Git, AWS S3, Google Maps API

PROJECTS

PLATE-REON   (ReactJS, Ruby on Rails, Redux, jBuilder, jQuery, PostgreSQL, HTML5, CSS3, AWS S3)   live | github
A clone of patreon.com that allows users to create unique communities, post engaging, interactive content, and search for creators
- Implemented optimized frontend and backend user authentication with Rails session tokens and encrypted passwords with BCrypt, allowing users to create accounts, log in and enjoy minimal load-time and a seamless browsing experience.
- Utilized Redux single-state management, enhancing frontend and backend communication, giving users the ability to create unique communities among other CRUD features.
- Capitalized on React-Redux architecture, using React Router to give users the ability to join and create communities.
- Leveraged polymorphic associations in Rails for comments and likes to enhance scalability and efficiency.

BEAT THE WEATHER   (JavaScript, Node.js, HTML5, CSS3, Google Maps API)   live | github
An interactive game that puts players' memory, geography knowledge and cartographic intelligence to the test
- Designed a custom game engine using JavaScript (ES6) that integrates the Google Maps API, OpenWeatherMap API and LocationIQ API to create a dynamic user experience with real-world information.
- Engineered various degrees of gaming difficulty through Object Oriented Programming techniques and conditional logic.
- Synthesized API data with game interface, giving players real location and weather information corresponding to gameplay.

MUSE OF WIRE   (JavaScript, Node.js, ReactJS, Redux, Mongoose, MongoDB, Express.js)   live | github
A hub for artists to share their work via images and videos with several tiers of users
- Implemented user authentication by encrypting a user's information via the JSON Webtoken library and employing Axios and the JWT-Decode library to keep users' passwords secure. Created model level validations via the Validator.js library.
- Constructed animated modals for images to enhance a user's interaction with media.
- Built full-text search using MongoDB, with the ability to query the database efficiently to precisely target the correct data.

EXPERIENCE

Campaign Director & Associate Counsel
New York State Trial Lawyers Association (NYSTLA)   Sept 2017 - Feb 2020
- Spearheaded more efficient data-management system for tracking compliance data, member engagement, and finances.
- Prepared and maintained weekly, monthly, and yearly financial projections for PAC operations, utilizing a CRM database.
- Organized and filed dozens of lobbying and campaign finance reports per year with csv data under strict deadlines.
- Created application in Excel to schedule and track hundreds of interactions between members and legislators.

Supervisor of NYC Campaign Outreach; Voter Empowerment Coordinator; Staff Attorney; Campaign Organizer
New York Public Interest Research Group (NYPIRG)   Jun 2007 - Sept 2017
- Supervised outreach offices with 50+ staff that set new organizational records and generated over $2.5 million over 4 years.
- Coordinated statewide nonpartisan voter empowerment campaign that registered over 25,000 new voters in fall 2016.
- Trained hundreds of volunteers and staff in communication, leadership skills and professional organizing techniques.

EDUCATION

Web Development - App Academy   Summer 2020
Full-time software engineering course for full-stack web development, with 3% acceptance rate and 1000+ hours of coding.
Juris Doctorate - Brooklyn Law School   Feb 2012
Bachelor of Fine Arts (with Honors) **-** New York University, Tisch School of the Arts   Jan 2007