

Chris Lopez

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SKILLS/Education

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Adobe Suite

App Academy - Immersive software development course with focus on full stack web development (Fall 2020)

PROJECTS

Genius APP

[Live Site](#) | [Github](#)

Full-Stack, single-page web app that harnesses Rails, React/Redux, and Javascript to read, edit and log song lyrics

- Utilized Rails' polymorphic associations to allow a logged in user to create and edit a song's lyrics.
- Built Javascript partials paired with strategic CSS on show pages to display song and artist information from the database uniformly for DRY code.
- Designed a component to create annotations on lyrics and a form for users to comment on breakdowns

Capicua Slam!

[Live Site](#) | [Github](#)

Four-player online Domino simulator utilizing MongoDB, Mongoose, Express, React, Redux, Node.js and Konva

- Implemented a function that calculated available moves on a board, searched the current player's hands and created an AI that would play against up to three other players.
- Integrated websockets using Socket.io to allow users to play against one another across the internet and render robust interactive gameplay and music.
- Designed the backend gameplay logic using conditionals and switch cases to render appropriate modules for endgame scenarios and assisted in the development of the frontend of the app, providing support to colleagues and troubleshooting bugs/error messages to improve efficiency

soundWav

[Live Site](#) | [Github](#)

soundWav is a Javascript application utilizing Tone.js and CSS to allow users to compose music on a sequencer.

- Designed an intelligent function using Tone Transport that aligned all samples in time and allow the user to actively change the BPM
- Connected webkit's audio context with Tone.Context to reliably enable audio playback without skips or distortion
- Built a function responsible for ensuring that only samples of the same key are played with one another

EXPERIENCE

Office Manager

Nuyorican Poets Cafe Inc., June 2015 - August 2020

- Trained over 30 new hires and interns in the venue's online ticketing/booking systems and negotiating protocol, increasing the efficiency of daily procedures and bookings by 20%
- Curated over 300 high profile events a year and consulted with government representatives regarding statewide outdoor event policies including fire safety and public assembly regulations
- Worked closely with the Executive Director and General Manager to double the venue's future performing space, capacity and revenue by assisting in obtaining a capital grant totaling \$10 million

Intern

Nuyorican Poets Cafe Inc., May 2013 - May 2015

- Shadowed the General Manager closely and learned the company's daily operations, ultimately being promoted to Office Manager