Edwin Zhou

[LinkedIn](#)   [Github](#)   [Portfolio](#)

PROJECTS—

Edify   Live Site | Github

A Spotify Clone using Ruby on Rails and React. Hosted on Heroku

- Integrated Redux with HTML5 media web components to create customized media playback for users.
- Used Redux to save, store and create personal playlists for unique users.
- Connected Rails Active Storage to AWS S3 for asset storage in order to seed media content

FlashCode   Live Site | Github

An ANKI-inspired flashcard website for leetcode problems. MERN stack

- Ideated, built and managed front end web page layouts. Employed CSS grid and 3D CSS to organize layout and create dynamic card-flipping animations
- Collaborated with team members using Git workflow and Slack to achieve features in a timely manner. while switching between front and backend tasks
- Worked with Express.js to handle backend RESTful routing for user Cards and Decks

Audio Visualizer   Live Site | Github

A single page Javascript app that creates customizable visuals of given audio

- Uses Javascript canvas in order to create dynamic visuals by reading byte frequency of given audio
- Employs CSS styling and Javascript to allow the user to customize and update visuals in real time via collapsible sidebar

StephenBot   Github

A Discord Music Bot built in Javascript. Hosted on Heroku

- Designed, implemented and deployed an automated system using web APIs to process commands and generate content and audio services for an online social media platform
- Built a functionality that validates a given Youtube URL, then filters the audio of the url and replays it within the platform

EXPERIENCE—

Front End Developer
LAHacks Project 311, October 2021 - Present

- Used React/Redux to manage and update state in accordance to map filter selections
- Worked closely with UX/UI designers in order to revamp website layout and design using Material-UI
- Followed Git feature branch workflow to collectively work on features and peer review issues

Music Teacher Assistant
Hoff-Barthelson Music School, New York, June 2014 - August 2016

- Taught 2-month beginner and intermediate level flute courses to a diverse student body ranging from ages 6-50, resulting in improved ability to learn and perform higher level repertoire within 1 month.
- Successfully prepared students for weekly group and solo performances by communicating concepts   clearly and effectively
- Collaborated with team of instructors to distribute coursework

CONTACT

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SKILLS

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

EDUCATION

University of California, Los Angeles– BA - Asian American studies (August 2020)

AppAcademy–
Immersive software development course with focus on full stack web development (March 2021)