

CINDY KUO

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Rails, JavaScript, HTML5, CSS3, Express, NodeJS, MongoDB, GraphQL, AWS, Apollo, Git, Heroku, Docker, postgresSQL, NextJS

PROJECTS

LIFESHARE (Ruby, Rails, JavaScript, React, AWS (S3), Heroku, HTML5, CSS3, postgresSQL)

[live](#) | [github](#)

An Instagram inspired web application that allows users to upload images to share their life.

- Implemented AWS (S3) for image upload and storage through Active Storage to allow profile customization.
- Created custom multilayered-modal using React to improve UI/UX and allow users to edit a caption or delete a post.
- Utilized JBuilder to generate JSON API responses for querying and packaging relational data to make redux action payloads.

DOTIFY (JavaScript, React, GraphQL, Apollo, MongoDB, Node.js, HTML5, CSS3, Docker, Heroku, AWS(S3))

[live](#) | [github](#)

A Spotify inspired web application that allows users to play music of their choosing and create a playlist with their favorite songs.

- Established custom user authentication using bcrypt in conjunction with jwt (JSON Web Tokens) and a custom age verification function to ensure the user meets the age criteria.
- Built a custom audio player using HTML5 audio and utilized Apollo Client cache on the frontend to store data that is accessible to all components.

WHOOOP (JavaScript, React, MongoDB, Express, NodeJS, Docker, HTML5, CSS3, Heroku, AWS(S3))

[live](#) | [github](#)

A Yelp inspired web application that displays various businesses in San Francisco that can be filtered by their business category.

- Implemented Google Maps API to display businesses in the San Francisco area.
- Developed review system that allows fetching of user data and creating reviews for a specific business.
- Built a flexible and dynamic search that can query for both exact user input and tagged related keywords.

Google Search (NextJS, React, SASS, HTML5)

[live](#) | [github](#)

A custom Google search engine.

- Utilized Serpstack API to display user queried search results such as articles, videos, and related data.
- Incorporated error handling for no results as well as pagination for results.

RELEVANT COURSEWORK/ EVENTS

- **CS 4 Computer Science Bootcamp at UCSB**
 - Data representation, number and character representation, iteration, recursion, image and sound representation
- **CS 8 Introduction to Computer Science at UCSB**
 - Intro to Python: conditional statements, loops, strings, lists, dictionaries
- **Women's Hackathon at UCSB**
 - Collaborated and created an iOS app with Swift that sends users daily inspirational quotes.

EDUCATION

Full Stack Web Development - App Academy

2019 - 2020

Bachelors of Science, Psychological and Brain Sciences - University of California, Santa Barbara

2015 - 2019

EXPERIENCE

Molecular, Cellular, and Developmental Biology Research Lab Assistant

University of California, Santa Barbara

2017-2018

- Performed SDS-PAGE gel casting that used glass/metal plate, space, and comb to create Western Blot gel for gel loading.
- Operated Western protein transfer using Immobilon-FL PVDF membrane, OWL electroblotting machine to transfer protein samples onto the membrane for analysis.