

SKILLS: React, Redux, Express, MongoDB, Node, Ruby, Rails, JavaScript, SQL, HTML, CSS, Agile Methodology, English (Native Proficiency), Mandarin Chinese (Native Proficiency)

EXPERIENCE:

Software Developer

Pixel Canvas Studios

Oct 2019 – Present

- Won DreamlandXR at CES 2020's "Most Immersive XR Experience" Award for work on the Asymmetric VR Horror experience, *Reiko's Fragments*.
- Oversaw the upgrade of the mobile application from React 15 to 16. Identified depreciated mixins usage.
- Worked with a partner to refactor all major components of the mobile application into more generic components to allow for more rapid updates.

Medical Assistant

Pathways Healthcare

Apr 2018 – Jun 2019

- Increased productivity by decreasing time spent on uploading diagnostic images through the implementation of a multiple file upload system by ~60%.
- Automated certain repetitive tasks, such as checking insurance eligibility, through the use of a script written in Python. Optimized monthly tasks by 20%.

PROJECTS:

LiftsInNOut Ruby on Rails, ReactJS, Postgres, AWS S3

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

A web app inspired by Airbnb, LiftsInNOut is a Rails based project designed to locate local gyms.

- Integrates GoogleMapsAPI with PlacesAPI to implement a custom search function that auto completes locations and addresses.
- Integrates Amazon Cloud Storage to reduce overhead and optimize scaling.
- Managed scheduling and booking through custom transactional database operations using ActiveRecord and PostgreSQL.

Petsy MongoDB, ReactJS, Redux, Express, NodeJS, AWS S3, AWS Lambda

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

Small-scale web app designed to connect adoptable pets with potential pet owners

- Created a custom upload function utilizing multer and multerS3 to seamlessly upload images to Amazon S3.
- Utilized Mongoose ORM to map results of database queries onto JavaScript objects to be manipulated and returned to frontend, separating concerns and following MVC best practices.

Whiskr MongoDB, ReactJS, Express, Apollo/GraphQL, NodeJS

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

Small-scale web app made by cat lovers to share cat pictures.

- Implemented directional link composition with Apollo Server to authorize the use of multiple terminating links such as HTTPLink and UploadLink together
- Created custom frontend and backend mutation to handle single image uploads to AWS S3 via Apollo Server

Saber Wars HTML5, CSS3, Vanilla Javascript (WIP)

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

Browser-based game with themes from Kinoko Nasu's Fate/ Franchise, gameplay inspired by Space Invaders

- Developed entirely with vanilla JavaScript DOM manipulation and CSS to decrease performance cost.

EDUCATION:

University of California, Riverside

BS Biology, 2012–2016

App Academy

General Assembly, Jun 2019 – Dec 2019