

Cindy Jiang

Houston, TX 832-340-4888 cindyj301@gmail.com [Personal Site](#) [LinkedIn](#) [Github](#) [AngelList](#)

SKILLS

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

PROJECTS

pickyEatr

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

A MERN stack application utilizing WebSockets and Google Places API that helps you and a friend decide what to eat.

- Integrated Socket.io to communicate messages between server and client to create rooms for users to join and swipe on restaurant choices together.
- Formulated Axios requests using Google Places API to extract data accessible in the front and backend to return restaurant details and photos.
- Designed server side communication to send matching results to client side using the nearby restaurants of users and correctly display matching results when selecting the same restaurant leading to better performance.

WildLives

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

A clone of Facebook developed with React/Redux and Rails 6 sharing information about endangered animal species.

- Built responsive modals and drop down menus for post and comment CRUD functionality to enhance user experience.
- Incorporated AJAX requests to communicate JSON data between the Rails backend and React/Redux application state to design modular higher-order React components.
- Connected the Rails back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM.

Rubble Rush

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

A fun educational game created with Vanilla JavaScript and Canvas API where you sort compost and recyclables.

- Utilized Canvas API for rendering interactive animated elements.
- Constructed game logic using Object Oriented Programming and collision detection physics to implement drag and drop functionality.
- Structured and styled with HTML5 and CSS3 for a clean minimal user experience.

EXPERIENCE

Assistant Maintenance and Reliability Engineer

Vysus Group

Oct 2019 - May 2021

- Collaborate with multidisciplinary team members to balance tight project deadlines by leading an organized project management effort to deliver 5 different projects on-time and on-budget.
- Develop functional location (FLOC) and equipment data to restructure over 20,000 assets using Computerized Maintenance Management System (CMMS) software such as SAP to optimize maintenance and reliability analysis.
- Support senior consultants in delivering criticality workshops to clients by evaluating technical documentation and maintenance reports to identify critical assets.

Plant Engineering Supervisor

United Parcel Service (UPS)

Oct 2017 - Oct 2018

- Support mechanics and specialists in equipment repair and troubleshooting to increase safety and improve and maintain equipment reliability.
- Train teams in utilizing Human Machine Interface (HMI) software tools to closely monitor facility logistical needs.
- Perform Preventative Maintenance Inspections (PMI) and daily/weekly equipment audits to maintain equipment reliability and identify maintenance issues.

EDUCATION

The University of Texas at San Antonio - BS Mechanical Engineering 2019

AppAcademy - Highly selective program web development program with a 3% acceptance rate. 2021