

XINYI YAO

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

SOFTWARE ENGINEER

Experienced in Ruby on Rails, React, and JavaScript-based programming and a background in electrical engineering. Strong communication skills and able to work well in team/project settings. Work Authorization: Permanent Resident status.

TECHNICAL SKILLS

Ruby, Rails, SQL, JavaScript, React, C++, MATLAB

TECHNICAL PROJECTS

Woof Watcher - [Github](#) | [Demo](#)

A web app where a user can search for dog-sitters and book/manage appointments.

- Utilized Ruby on Rails to create the backend with a PostgreSQL database
- Created frontend with React and incorporated Material UI components for added functionality
- Included user authentication and authorization using Bcrypt
- Able to book appointments with date/time slot and leave review and rating for selected dog-sitter.

Chat App - [Github](#) | [Demo](#)

A web app where a user can create conversations and send messages in real-time with other users.

- Incorporated ActionCable into Rails backend to form channels, subscriptions, and WebSocket connections
- Included user authentication and authorization using Bcrypt
- Created frontend with React and Redux
- Able to create conversations with multiple users and send/receive messages

Solitaire - [Github](#) | [Demo](#)

A web app where a user can play solitaire and enter a score on a leaderboard.

- React frontend with detailed CSS and game logic
- Functional leaderboard that automatically sorts in descending order when scores are entered
- Includes timer and scorekeeper that tracks score throughout the game
- User has ability to start/stop and begin a new game at any time

EXPERIENCE

Hairtex & Nails

Receptionist

Houston, TX

04/2020 - 04/2021

- Aided in greeting customers, handled transactions
- Booked and managed appointments

Target

General Merchandise Associate

Houston, TX

09/2019 - 03/2020

- Participated in department sales, aided customers
- Managed inventory, improved store efficiency

EDUCATION

Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript/React program

Houston, TX (Remote)

08/2021 - 12/2021

Texas A&M University

B.S. Electrical Engineering

College Station, TX

05/2019