

Cadence Higgins

cadencehiggins.com | Houston, TX | 570-580-5142

Education

Houston, TX | August 2024
Rice University Coding Boot Camp

Skills

- Languages: Javascript/TypeScript, Python, HTML/CSS, SQL
- Frameworks: React, Flask, Express.js, Node.js
- Tools: MongoDB, PostgreSQL, Git, Docker, AWS S3

Projects

DrawAI

<https://github.com/Cadhig/DrawAI>

- Worked with a machine learning engineer to create a website where users draw numbers on a canvas, and an AI predicts the drawn number.
- Developed a REST API using Python Flask.
- Designed an on-screen canvas where user input is converted into a 784-element array.
- Integrated a real-time feedback loop, enabling constant data flow between the frontend and backend while the user is drawing.

Book Nest

<https://github.com/Cadhig/BookNest>

- Created a REST API built with Node.js, Express.js.
- Implemented CRUD operations for managing bookmarks, user profiles, and posts.
- Engineered a session-based authentication system with express-session.
- Implemented MongoDB with Mongoose for managing book data, user profiles, and interactions, as well as AWS S3 for storing user pictures.
- Styled with mobile-first design, leading to a fully responsive application on all devices.
- Utilized React for building user interfaces with reusable components.

Wordle

<https://github.com/Cadhig/Wordle>

- Designed a responsive interface using which allows users to type a word of maximum five letters.
- Implemented a dictionary API to check the validity of the user's guess to ensure it is a real word.
- Implemented logic to compare users guessed word against the target word, checking if the letters are contained within the target word, and in the correct position.