Peng Tao

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EXPERIENCE

Front-end engineer internship
Guizhou TV | 6/2019 – 9/2019

Attained foundational skills in HTML, CSS, and JavaScript.
Designed and implemented a user-friendly front-end interface for news recommendations.
Utilized advanced content similarity algorithms in the backend to analyze and retrieve relevant recommendation data.
Translated this data into personalized news feeds for users, enhancing content engagement.

PROJECT

Python Discord Music Bot

Built a Python Discord Music Bot using the Discord API for YouTube music playback, eliminating the need to pay fees for similar services. This project has API integration, and user-centered design with key features like play, pause, stop, join, leave, and playlist management.

Restaurant Website

Utilizing my web development expertise in JavaScript, Node.js, Express, and MongoDB, I spearheaded the creation of a user-friendly platform deployed on Render. Responsibilities encompassed front-end design, table booking, gift purchase features, and rendering optimization for an enhanced user experience.

Expense Tracker Website

Developed a feature-rich Personal Expense Manager using the MERN stack (MongoDB, Express.js, React.js, Node.js), providing a cost-effective alternative for personal finance management. Also, I added a data visualization page to make it easier for users to use And it has been deployed on Render.

SKILLS

Python	HTML + CSS	C
Java	React	

EDUCATION

Northeastern University

MS Computer Science Align I 2023 – Present

Course took: Object-Oriented Programming | Intensive Programming | Discrete Mathematics | Data Structures and Algorithms | Web Development

Villanova University

BA Communication I 2020 – 2022

2021 Fall Dean List, 2022 Spring Dean List, 2022 Fall Dean List

Temple University

BA Communication I 2018 – 2020