SHIHUA YIN

London | shihuaok@gmail.com | +44 07880 809 267

GitHub: https://shihuayin.github.io/

SUMMARY

Multilingual software developer focused on code quality and efficient problem-solving. Skilled in both frontend and backend development, proficient with **React.js, Python, HTML5/CSS/JavaScript, Node.js and MySQL**. Experienced with Git for version control and familiar with Agile development environments. Committed to continuous learning and delivering high-quality, maintainable code.

EDUCATION

Goldsmiths, University of London | Computer Science | Bachelor   **September 2022 – Present**
- Course Modules: Web Development, Databases and the Web, Software Design and Development, Object Oriented Programming, Programming with data, Agile Software Projects, Artificial Intelligence.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python
Database: MySQL, MongoDB, Firebase
Frameworks: React.js, Next.js, EJS, Node.js, Express.js, Tailwind CSS
Tools & Platforms: GitHub, Notion

Certifications & Training

The Ultimate React Course: React, Next.js, Redux & More	Udemy	July 2024 - October 2024
The Complete Web Development Bootcamp	Udemy	September 2023 - December 2023
100 Days of Code: The Complete Python Pro Bootcamp	Udemy	March 2023 - June 2023

Volunteer Experience

Web Developer - East London Waterworks Park
- Participated in monthly meetings via Google Meet to align tasks, and worked independently to complete remote development goals.
- Focusing on improving user interactions and overall experience.

PROJECTS

Personal Financial Management System | https://personal-finance-app-amber.vercel.app/
- A web-based application to help users manage their income and expenses, set budget goals, and monitor financial status through visual charts.
- Utilized Firebase Firestore to store and manage financial data.
- Created interactive charts with Recharts to display income and expense distributions.

Trip Map Tracker | Next.js, Geocoding API, React Hooks | https://travel-log-app-topaz.vercel.app/
- Allows users to mark locations on a map, add trip details, and store personal travel logs.
- Integrated Leaflet for maps and OpenCage API for geocoding.
- Dynamic components for client-side interactivity.

VisualDev UI | React, Tailwind CSS, UI Design | https://visualdev-ui.vercel.app/
- A responsive UI library offering copy-paste ready components for marketing websites.
- Generator page allowing users to create complete marketing pages using pre-designed UI components.

Handwritten Digit Recognition | Python, TensorFlow, Keras, Tkinter, Deep Learning
- Real-time recognition of handwritten digits using a pre-trained deep learning model.
- Trained with TensorFlow and Keras on the MNIST dataset.
- Interactive user interface implemented with Tkinter, allowing users to draw digits and provide feedback for model adjustment.

TED Persuasive Adjective Explorer | Python, SpaCy, NLTK, VADER, Sentiment Analysis
- Analyzed TED talk transcripts from the past decade to explore persuasive adjectives in different fields such as Technology, Science, and Business.
- Use tools like SpaCy, NLTK, and VADER for natural language processing and sentiment analysis.

ADDITIONAL SKILLS AND INTERESTINGS

- 3 years of experience in educational videos, with strong team communication and client liaison skills.