

SHIHUA YIN



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London

ABOUT ME

As a Computer Science student graduating in 2025, I am passionate about software development, especially in JavaScript, with hands-on experience using React, React Native, and front-end and back-end integration. My strong interest in web and mobile development drives me to follow best coding practices. Additionally, I have project experience in Python, C++, and databases, and I am eager to continuously apply and enhance my skills through real-world projects, bringing enthusiasm, a positive attitude, and a drive to keep pursuing my dreams to your team.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Python, HTML/CSS, C++, SQL
- **Frameworks and Libraries:** React.js, React Native, Node.js, JUCE, Tailwind CSS, Bootstrap, P5.js, EJS
- **Data Visualization:** Matplotlib, Seaborn
- **Machine Learning:** Experience with convolutional neural networks (CNN) for image recognition

PROJECT EXPERIENCE

MovieBuddy | Key words : React, State Management, JavaScript

- A React-based movie search and management application that allows users to search for movies, view details, and rate them.

Travel Mate | Key words : React Native, Firebase, JavaScript

- An assistant app for travellers, helping users manage packing checklists, track expenses, and upload photos to Firebase.

Bill Splitter | Keywords: React, State Management, JavaScript

- It is a React-based movie search and management application that allows users to search for movies, view details, and rate them.

VisualDev UI | Key words : React, Tailwind CSS, UI Design, Node.js

- A platform that provides a visual development experience for building UI components, allowing users to create websites by selecting different UI components like building with Lego blocks.

BlogTalk | Key words : Node.js, Express, SQLite

- A platform for creating and commenting on articles. Creators can create, update, delete, and publish articles, while readers can interact by liking and commenting.

Handwritten Digit Recognition | Key words : Deep Learning, TensorFlow, Keras, Python

- This program uses a pre-trained neural network model to recognize handwritten digits and adjusts the model parameters based on user feedback for better accuracy.

TED Persuasive Adjective Explorer | Key words : Web Scraping, NLP, Sentiment Analysis

- Explore analyzes common persuasive adjectives in TED talks from the past decade using NLP tools, with visualizations like word clouds and sentiment analysis.

EDUCATION

Bachelor's Degree in Computer Science

2022 – present

Goldsmiths | University of London

Master's Degree in Remote Sensing

2016 – 2019

Liaoning Technical University | China

LANGUAGES

English

Chinese