

Shihua Yin

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Summary

Graduate Front-End Developer with hands-on experience developing responsive, visually compelling web pages using **HTML, CSS, and JavaScript**. Expertise in responsive design, accessibility, and performance optimization. Familiar with **Agile Kanban methodologies** and proficient in **Git** version control. Committed to writing clean, maintainable code with strong problem-solving skills and attention to detail. **Expected to graduate in June 2025.**

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, Data Mining, Agile Software Projects, Artificial Intelligence.

Technical Skills

Programming Languages: JavaScript, Python, HTML, CSS

Frameworks: React, Node.js, Express.js, REST APIs, Context API, EJS, Bootstrap, Tailwind CSS

Database: MySQL, MongoDB, Firebase

Cloud & DevOps: Firebase Hosting, Git, CI/CD (GitHub Actions)

Volunteer Experience

Web Developer - East London Waterworks Park

December 2024 – Present

- Transitioned the site from a PHP-based structure to React, significantly improving performance and user experience.
- Collaborated with designers in bi-weekly Google Meet sessions to convert Figma wireframes into reusable React components, ensuring a consistent and responsive user interface.

PROJECTS

Personal Financial Management System | React, Firebase, Recharts, SDK | [Link](#)

- A web-based financial management application that supports creating, editing, and deleting financial records, with multi-dimensional filtering based on description, type, and date range.
- Dashboard displays key financial metrics and historical trends, with pie charts and line charts that visually present the distribution and changes in amounts across different categories.
- Integrated with Firestore for data storage, ensuring real-time updates and smooth data management, capable of handling over 50,000 records in real time.

Stock Data Dashboard | Python, FastAPI, React | [Link](#)

- A web application integrating historical stock data, analyst ratings, curated news, and dynamic word clouds to provide interactive insights into market sentiment and stock performance.
- Built backend services using FastAPI, retrieving historical stock data and analyst ratings via yfinance, while also fetching related news using NewsAPI.
- Frontend is implemented with React, using Recharts to render line charts of stock closing prices and displaying detailed analyst rating data and news lists.

VisualDev UI | React, Next.js, Tailwind CSS, UI Design | [Link](#)

- A responsive UI component library that allows users to quickly generate complete, copy-and-paste-ready pages by combining different UI components.
- Utilizes useState and useEffect for real-time state management and dynamic page updates, enhancing the smoothness of user interactions.

Key Strengths

Familiar with front-end frameworks such as React.js, and backend technologies like Node.js, Express.

Familiar with agile development environments, with practical experience in Kanban.

Strong communication and problem-solving skills.