Wenhao Yang

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Education

Temple University, Philadelphia, PA **Graduation: Spring 2026**
Bachelor of Science in Computer Science
Courses: Computer Systems, Operating systems, Data Structures, Algorithm, UX design, Software Development, Web Design

Professional Skills

Front-End Development: HTML5, CSS3, TypeScript, JavaScript, React, Vue
Programming: Python3, Java, SQL, C
Design Tools: Figma
Development Tools: Visual Studio Code, Git, GitHub
Productivity & Collaboration: AI Tools, Microsoft Office, Jira, Docusaurus

Work Experience

China Wok | Technology & Operations Manager **Jul 2024 - Present**
Philadelphia, PA

- **Software Development**: Designed and implemented a custom tablet-based POS system using Kotlin to manage orders, streamline workflows, and support receipt printing functionality.
- **System Integration & Maintenance**: Integrated and managed third-party delivery platforms (DoorDash, Grubhub, Uber Eats), ensuring reliable order synchronization and minimal downtime.
- **Technical Infrastructure Suppor**t: Installed and maintained security camera systems and provided ongoing technical troubleshooting and system support.

Project

Sketch2Screen – AI-Powered Collaborative Web Application
Project Description:
Developed a collaborative AI-assisted web application that uses the Claude LLM as an agent to convert hand-drawn sketches into a fully generated, editable HTML website. The platform enables users to collaboratively sketch UI elements, generate complete webpage layouts, and interactively modify individual components to customize design, structure, and styling in real time.
Key Contributions:

- Implemented real-time collaboration features by connecting the React frontend to a Django backend using WebSockets
- Integrated Excalidraw and canvas-based drawing tools to support collaborative sketching and UI design
- Built and refined core UI/UX features, including page switching, layout flow, and quality-of-life improvements
- Collaborated closely with backend services for API integration and state synchronization
- Improved usability and responsiveness through iterative UI updates and styling enhancements
- **Technologies Used:** TypeScript, React, CSS, Tailwind CSS, Excalidraw, Python, Django, WebSockets, Git/GitHub, Vite