Yong Shen (Hans) Wong

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EDUCATION

University of Central Oklahoma, Edmond   **Institutional GPA: 3.88/4.00**

B.S Computer Science
Expected: July 2025

- Honors: 3x President's Honors List, 2x Dean's Honors List, RCSA Grant Recipient
- Relevant Coursework: Data Structures, Algorithms, OOP, Databases, Cloud Web Apps Development, Mobile Apps Programming, Operating Systems, AI, Cybersecurity, Computer Network & Organization, Software Architecture & Design, Data Science, Stats, Linear Algebra
- Activities: UCO (Tutor, Grader), Oklahoma Research Day and Tri-Center Symposium (Research Assistant), UCO Intramural Basketball Team (5v5, 3v3)

SKILLS

Programming Languages Technologies:

JavaScript, TypeScript, HTML/CSS, Python, C/C++, Java, Swift, Bash, Haskell, Prolog, Postgres, MongoDB, Docker, NumPy, Pandas, React Native, Figma, Azure, Next.js, Node.js, Express.js, UML, Linux, Python, C#

Conversational Languages:

Native speaker and literate in English and Chinese.

EXPERIENCE

Penny Pincher | GitHub | Demo | Agile | React, Docker, JavaScript, MySQL   Jan 2025 – May 2025

Software Engineer

- Spearheaded a finance web app using React, JavaScript, and SQL to create a finance manager that helps manages income and expenses, and budget spending.
- Delivered an MVP in 16 weeks with a team of 6 by separating work to frontend, backend, and database with Agile/Scrum methods.
- Implemented the frontend UI that dynamically tracks when user inputs income/expense and will notify user if amount exceeds budgets.

PROJECTS

Natural Language to UML Diagram Generator | GitHub   **March 2025 – May 2025**

- Utilized interchangeable AI LLM that generates UML diagrams based on a given description input by the user

Broncho Books | GitHub   **Jan 2025 – Feb 2025**

- Created a UCO inspired marketplace where students can sell textbooks and buy them at an affordable price.