

Lyhong Peou

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WORK EXPERIENCE

Captured Sun

Sep 2023 - Jun 2024

Software Engineer Intern - Parchment (product)

Austin, TX

- Developed the front-end and back-end of the Parchment application using the Quill custom JavaScript framework delivering a responsive desktop interface that improved user editing experience.
- Collaborated with 5 team members to complete assigned tasks, enhancing team productivity and meeting project deadlines ahead of schedule.
- Engineered a filesystem-tree interface enabling users to zoom in and out of nested Spaces and drag files across folders without full navigation.

AJILE Studio

May 2025 - Present

Software Developer

Remote

- Built **Skylab Fitness**, a full-stack class-booking web app with client credit tracking and a staff admin dashboard that replaced a fully manual process and cut admin overhead and booking errors.
- Developed **Ruma**, an in-house property-investment tool that lets investors model rental yields and capital growth, compare scenarios side by side, and auto-calculate fees, launching soon in Malaysia.
- Built **Reflect** end to end during a competitive hackathon, an anti-scam web app featuring a Gemini-powered AI chatbot for real-time advice and a phishing minigame that generates scenarios for users to classify.
- Worked across the stack with React, Next.js, Convex, Clerk/BetterAuth, and Tailwind CSS, using Claude Code to accelerate delivery while shipping client and in-house products end to end.

EDUCATION

Master of Science, Information Systems Engineering

Jan 2025 - Present

Johns Hopkins University

Online

- **GPA:** 4.0
- **Coursework:** Foundations of Data Analytics, Intelligent Decision Support Systems

Bachelor of Science, Computer Science

Sep 2021 - Jun 2024

Oregon State University

Corvallis, OR

- **GPA:** 3.93
- **Achievements:** Honor Rolls
- **Coursework:** Data Structure, Advanced Web Development, Cloud Development, Introduction to Databases, Software Engineering

SKILLS

- **Frontend :** HTML , CSS, JavaScript, TypeScript, React
- **Backend & Programming:** Node, Convex, NoSQL, SQL, Spring Boot
- **System & Networking:** Windows/macOS Support, Active Directory, Networking, Docker
- **Soft Skills:** Problem Solving, Communication, Team Collaboration, Mentorship, Customer Service, Technical Support, Technical Analysis
- **Tools:** GitHub, VSCode, Claude Code, Context7, PostHog

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals