Zheru Zhou

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EDUCATION

Fuzhou University Fuzhou, China

B.Eng. in Multimedia, Mobile and Web Development Expected Jun 2027

Minor in Industrial Engineering (in progress) | GPA: 3.94 (WES-evaluated) | Class Rank: 4/57

LABORATORY EXPERIENCE

SOSD Laboratory, Fuzhou University | Design Group Lead Oct 2024 - Present

Faculty Supervisor: Dr. Yilei Wang

- Mentored new design-group members and created a knowledge base to organize learning resources and support onboarding; contributed to routine laboratory design work.
- Contributed to laboratory website development, connecting interface design with implementation; collaborated with peers across design and computing on laboratory projects.
- Coordinated a five-person competition team from concept development through product design and iteration; incorporated faculty and graduate-mentor feedback into project decisions.

SELECTED PROJECTS

MyNote | Concept Lead and UI/UX Designer May - Nov 2025

AI and physiological data for musical emotion journaling | Three-person team

- Proposed a nonverbal approach to emotional reflection, addressing the effort and limitations of describing feelings in text; examined literature on physiological signals and emotion to develop the concept.
- Designed a daily musical-note interaction combining **Apple Watch heart rate and HRV** with self-reported input, connecting physiological information with AI-generated music and dynamic visual expression.
- Contributed product analysis, overall UI, visual materials, and front-end design in collaboration with teammates; refined the concept through mentor feedback and supported an application distributed through **TestFlight**.

Aibeike | Project Manager and UI/UX Designer Dec 2024 - May 2025

- Coordinated a five-person project informed by **1,163 survey responses and 52 teacher interviews**, identifying needs in lesson preparation, fragmented resources, and differentiated instruction.
- Designed lesson-generation, learning-analysis, and mathematics-visualization modules around an input, generation, refinement, and classroom-use workflow; collaborated on model fine-tuning and RAG integration.

PROFESSIONAL EXPERIENCE

TPV Electronics (Fujian) Co., Ltd. | System Development Intern Jul - Sep 2026

- Studied SMT production processes and scheduling architecture; analyzed **80+ manufacturing constraints**, including equipment availability, cycle times, quality requirements, and process sequencing.
- Contributed to material-kitting module development under project supervision, implementing interface integration and associated algorithmic logic within the MES scheduling system.

Shanghai Intersection Effect (T46) | UX and Product Design Intern Mar - Jun 2026

- Translated requirements for onboarding, event registration, calendars, accounts, and feedback into user flows, information architecture, and low- to high-fidelity Figma prototypes.
- Designed interfaces and visual components across a mini program, mobile app, tablet, and administration backend; helped establish consistent visual guidelines across platforms.
- Prepared specifications and assets for engineering handoff; followed implementation and helped resolve design-fidelity, interaction, and browser/device adaptation issues using development and testing feedback.

HONORS AND AWARDS

National Second Prize, Mobile Application Innovation Contest, Qidi Track, University Division (MyNote), 2025.

National Second Prize, 17th User Experience Design Award (UXDA; InsightNews), 2025.

National Third Prize, 17th User Experience Design Award (UXDA; MyNote), 2025.

Fujian Provincial Second Prize, 18th Chinese Collegiate Computing Competition, Web Development (Aibeike), 2025.

Eastern Regional Third Prize, 16th China Students Service Outsourcing Innovation and Entrepreneurship Competition, Enterprise Challenge Category (AI-Assisted Lesson Planning), 2025.

TECHNICAL SKILLS

Python, Java, JavaScript, C++, MATLAB | Git, Unity, Figma