Yaxuan Xiao

Instructional Design & Learning Experience Design

yaxuanxiao.com — yaxuanxiao313@gmail.com — (+1) 608-334-1620 — US-based

Education

University of Pennsylvania — Philadelphia, PA
M.S.Ed., Learning Sciences and Technologies — Expected Dec 2026

University of Wisconsin–Madison — Madison, WI
B.S., Data Science & Education Studies; GPA: 3.942/4.0 — May 2025

Learning Design & Research Experience

Promega Corporation — Madison, WI
Instructional Designer Intern — May 2026 – Aug 2026

- Designed assessment-based learning pathways and built a four-module internal prototype with Lovable, Supabase, and Claude; integrated an existing Articulate Rise course and applied the team's existing 80% mastery standard to module routing.
- Produced AI-assisted pre-/post-assessment drafts and answer-specific explanatory feedback; consolidated course content with an instructional designer and coordinated review by two SMEs for accuracy and question quality.
- Curated SME-reviewed course summaries for the AI mentor and defined response boundaries to keep support course-grounded and decline assessment answers.
- Created a tester guide and conducted an exploratory pilot with three instructional-design colleagues to check the workflow and challenge chatbot behavior; collected written feedback on usability and assessment quality.
- Presented the prototype to the training team and at the intern showcase; delivered project plans, build documentation, and assessment materials for handover.
- Added xAPI statements to an existing Storyline course using colleague-developed Claude guidance; confirmed event records appeared in a Learning Record Store.

Epistemic Analytics Lab, Wisconsin Center for Education Research — Madison, WI
Junior Developer Intern — Mar 2023 – May 2025

- Analyzed 50,000+ rows of student-conversation data in R; compared coder labels using confusion matrices and manually flagged missing or discrepant codes against mentor-defined topic criteria.
- Tested a supplied coding algorithm across numeric settings, recorded execution success and runtime, and visualized classification results to support mentor review of false positives and false negatives.

Selected Learning Design Projects

AI Literacy Digital Book — Team Class Prototype

- Implemented an approximately 30-page interactive book for children ages 5–8 using a template and AI-assisted code; integrated teammates' story and illustrations and built interactive features, including click-triggered character audio.

JobSweet — Planned Career-Learning Sessions

- Created written outlines for resume-writing and networking sessions for international students; planned a sequence of comparing ten target job descriptions, revising resumes, and exchanging peer feedback.

Teaching & Educational Leadership

Urban League of Greater Madison — Madison, WI
Math Teaching Assistant, Toki Middle School — Mar 2024 – May 2024

- Supported approximately five seventh-grade students twice weekly; reviewed spoken or written solution steps and adjusted hints to help students work through teacher-provided assignments.

Education Currigers — Madison, WI
Education Data Department Chair — Mar 2023 – Jan 2024

- Delegated team tasks for an information session serving approximately 20–30 Chinese international students; answered questions about majors and course selection and offered tailored suggestions.

Greater University Tutoring Service — Madison, WI
Language Learning Mentor, Mandarin — Feb 2022 – Jan 2023

- Supported one learner across two semesters; used coursework and informal checks of understanding to plan everyday language practice, discussion topics, and assignment support.

Skills

Learning Design: Assessment Development, Feedback Design, Learning Pathways, Session Planning, SME Collaboration
Learning Technology: Storyline, Rise (Existing-Course Integration), Figma
AI & Data: Claude, ChatGPT, Lovable, Supabase, R, Python, SQL
Research & Business: User Interviews, Usability Testing, Word, PowerPoint, Excel
Languages: Mandarin (Native), English (Fluent)