

Yuchen Jin

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EDUCATION

University of Wisconsin-Madison

BS in Computer Science and Psychology

- **Cumulative GPA:** 3.96

Madison, WI

Expected Graduation: May 2025

EXPERIENCE

Research Intern

May 2024 – Present

Research Intern at Carnegie Mellon University Software and Societal Systems Department

Pittsburgh, PA

- Worked on designing a visual interactive geometric proof tool
- Conducted 18 user interviews with Geometry teachers across U.S., synthesizing insights through affinity diagrams and card sorting
- Built, improved UI elements such as hoverable tooltips, local event and response logging system
- Facilitated usability and performance testing sessions with high school students to evaluate tool effectiveness

Undergraduate Research Assistant

Sep 2023 – Present

UI/UX Designer and Frontend Developer at UW-Madison People and Robots Lab

Madison, WI

- Worked on designing a collaborative colored Petri Net graph editor tool Statewise in visualizing Human-Robot Interaction systems
- Conducted iterative usability studies throughout various development phases
- Collaborated closely with frontend and backend developers to integrate features and ensure smooth functionality
- Maintained accurate records of progress, created timeline and documented each step along the process with Notion

Undergraduate Research Assistant

Jan 2022 – Present

Project Lead at UW-Madison Learning and Transfer Lab

Madison, WI

- Designed and conducted senior thesis research investigating color-category mapping in dynamic systems, prototyped with Figma and developed interfaces using React and jsPsych
- Designed and conducted sophomore thesis research project investigating meta-cognition of educational video playback speed using python
- Conducted sessions of research on learning related to gaming abilities using MATLAB
- Trained and helped undergraduate research assistants to execute experimental protocols in controlled lab environments

PROJECTS

Wellnest | *Figma, Android Studios*

September, 2024 - Present

- Designed a self-care app designed for college students, focusing on academic planning and physical health management (sleep, eating habits, exercise)
- Implemented unique features like exam review planning and a graduate school/internship/job search diary
- Designed a virtual pet bird that hatches and matures as users complete self-care tasks, with species tied to real-world or user-chosen locations

Rain Checker | *Figma, Procreate, React.js*

September, 2023 - - December, 2023

- Designed and developed a UW-Madison branded, responsive lab management website for the Learning and Transfer Lab
- Conducted usability testing with research assistants and lab managers to refine user experience
- Created wireframes, mockups, and prototypes, and implemented the design using React and Material-UI (MUI)

TOOLS

Technical Skill: HTML, CSS, JavaScript, TypeScript, R Studio, Java, React.js, React Native, Node.js, Git, Figma, Photoshop, Procreate, Blender

CERTIFICATES AND AWARDS

- Google UX Design Certificate
- Scholarship Recipient, Hilldale Undergraduate/Faculty Research Fellowship 2023
- Scholarship Recipient, Sophomore Research Fellowship 2023
- Scholarship Recipient, Bryan's Aspiring Psychology Student Award 2022