

LINDY CHEN

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EDUCATION

B.S., Computer Sciences, University of Wisconsin-Madison

Expected May 2026

- GPA 3.85/4.0

RESEARCH EXPERIENCE

Undergraduate Research Assistant, *University of Wisconsin-Madison*

September 2025 - Present

- Served as coordinator of a research project for the Robot Teaching and Teaming Lab led by Dr. Mike Hagenow.
- Performed Human Robot Interaction (HRI) research, building robot systems from scratch with the goal of selective assistance.

REU Undergraduate Research Intern, *Boise State University*

Summer 2025

- Performed HCI and CCI research with a team advised by Dr. Jerry Fails for the Cloud Computing Privacy & Security REU.
- Determined through qualitative research and thematic analysis that End User License Agreements (EULAs) are inaccessible and pose security and privacy risks to children.
- Designed prototype of a child-friendly EULA with Unity, using guidelines developed during the REU.
- Presented at the Idaho Conference for Undergraduate Research (ICUR).

CONFERENCES

Chen, L., Allan, D., Taylor, A., Fails, J., Magar, U. (2025). A Novel Approach to Extended Reality EULA Presentation for Improved Child Safety [Conference presentation]. Idaho Conference for Undergraduate Research, Boise, ID, United States. https://scholarworks.boisestate.edu/icur/2025/poster_session/85/

PROFESSIONAL EXPERIENCE

Facilitator, *Adventure Learning Programs*

February 2025 - Present

- Led, and facilitated team and community building workshops and high and low ropes course workshops.
- Served on the hiring committee: reviewed applications, conducted interviews, and selected candidates for facilitator positions during hiring periods.
- Served on the community development committee: planned and organized events for employees to foster community and improve team culture.

Software Engineering Intern, *Iowa State University*

Summer 2022

- Designed and programmed a full stack mobile application with Flutter and MongoDB to store and visualize datasets for an interdisciplinary research project for Computer Science and Engineering.

PERSONAL PROJECTS

Enhanced Enroll, *Madhacks 2025* | *HTML, CSS, REST API*,

- Chrome extension integrating Madgrades, a visualization for UW-Madison course grade distributions, and Rate My Professor ratings to appear in the Course Search & Enroll portal.

Oh, The Places You'll Go, *MadData 2025* | *Flask, Python, Google Maps API, Google Cloud Platform, SQLAlchemy*

- Web application that finds places for students to eat/study in between classes based on their class schedules.

SAT Notifier | *Bash Shell Scripting, SMTP*

- Shell scripting program that notifies a user by Gmail using SMTP when an SAT opens for registration.

ACTIVITIES

WISCONSIN ROBOTICS, Madison, WI

GIRLS WHO CODE, Madison, WI

SKILLS

Programming Languages/Frameworks: Python, C, Javascript, HTML/CSS, R, Flutter, Flask, Dart

Other Technical Skills: ROS2 (Jazzy), TensorFlow, Jupyter Notebook, MaxQDA, Linux, macOS, Ubuntu, Windows