

# Alan Liang

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Dedicated student pursuing **Computer Sciences & Environmental Studies** with certificates in Data Science & Game Design. Interested in enriching my experiences in computing, ML, agriculture, and environmental justice.

## PROFESSIONAL EXPERIENCE

### Peer Mentor

Sep 2024 - Present

#### University of Wisconsin Madison | Madison, WI

- Assisted in a course of 100+ students to create a positive learning environment
- Interact with students to develop frontend development skills : HTML, CSS, JS, React.js, React Native

### Beach Ambassador

June 2023 - June 2024

#### University of Wisconsin Sea Grant | Milwaukee, WI

- Developed the official Beach Ambassador Website to facilitate easy access to safety info
- Interacted with 500+ beachgoers to promote beach safety along the lakefront and at city wide events

### Instructor

Jan 2021 - Jan 2023

#### Mathnasium | Whitefish Bay, WI

- Worked as a team of 8+ instructors to support the learning of 100+ K12 students every day
- Actively engaged with the community at local events to spark interest in mathematics

## SKILLS

HTML | CSS | JavaScript | Java | React | React Native | C | R | Python | SQL | ArcGIS | Git | Chinese | French

## EDUCATION

### B.S - Computer Science & Environmental Studies w/ Cert: Data Science & Game Design

2022 - 2026

University of Wisconsin - Madison

## EXTRACURRICULARS

### Chinese American Student Association

Sep 2022 - Present

- Co-President.** Previously held positions: Event Chair, Secretary
- Responsible for overseeing events of 500+ members to promote Chinese-American culture

### Wisconsin Ideas Fellowship - "Cultivating Connections"

Oct 2024 - Present

- Advising Asian-American high schoolers in academics, career, and what the Asian-American identity

### Code To Connect

Sep 2023 - Present

- Engage with K12 students about computer science concepts such as binary counting and encryption

### UW Food Systems and the Environment in Northern Japan

Aug 2023

- Learned to communicate effectively across cultural and language barriers
- Studied agricultural strategies at the Obihiro University of Agriculture and Veterinary Medicine.

## PROJECTS

### Custom Linux Shell

Oct 2024

- Used C to create a custom Unix shell program in the Linux terminal to manage multiple processes

### SpotLight

Aug 2024

- 2nd place hack at Empower 2.0 Hackathon , SonicBids track
- Created an EPK networking app for music artists using React & Google Firebase

### Empty Fridge Plus

Mar 2023, Jun 2024

- Upgraded hackathon project to a responsive mobile app using Spoonacular API and React Native
- 1st place sustainability hack at UW-Madison: Web app for reverse recipe search using HTML, JS, CSS