Alan Liang

Student at UW-Madison

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Dedicated student pursuing **Computer Sciences** and **Environmental Studies** at UW-Madison with certificates in Data Science and Game Design. Interested in further enriching my knowledge and experiences in these fields. Strengths in effective communication and organization.

Experience

Beach Ambassador Project | **University of Wisconsin Sea Grant** *2023-Present*

- Spread awareness about beach and water safety along the Milwaukee lakefront
- Developed the Beach Ambassador Website for easy access to information and resources
- Engaged with the community at citywide events

Study Abroad : Food Systems and Environment in Northern Japan *2023*

- Learned about effective communication across cultural and language barriers
- Deepened understanding of the strengths and limitations of food systems in Japan

Math Instructor | **Mathnasium** *2021 - 2023*

- Mastered Socratic questioning to guide kids towards a metacognitive understanding of mathematical processes
- Actively engaged with the community at local events to spark interest in mathematics
- Guided new employees through the process of effectively teaching math
- Worked as a team to excel in an adaptive work environment

Clubs & Projects

Chinese American Student Association (CHASA) *2022-Present*

- Upcoming Co-President for CHASA. Current Event Chair.

Beach Ambassador Website *2023-Present*

- Developing site to promote the Beach Ambassador Project. https://beachambassadorsmke.org

EmptyFridge *2023*

- Created a website for a hackathon with the mission to reduce food waste in households.
- 1st place for Best Sustainability Hack by Avanade: https://devpost.com/software/emptyfridge

Education

University of Wisconsin Madison *2022-2026*

- B.S : Computer Science & Environmental Studies. Certificates in Data Science & Game Design
- GPA: 4.0

Skills

- Geoinformation Systems (ArcGIS Pro)
- Programming (C, JavaScript, Java)
- Web Dev (HTML, React, React Native)
- 3D Modeling
- Data Science (R, SQL)

- Collaboration
- Effective Communication
- Excellent Time Management
- Inquisitive