Alan Liang

Computer Science
Environmental Studies

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About

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.

Education

- **University of Wisconsin Madison**

  B.S in Computer Science, Data Science, Environmental Studies

  2022 - 2026 (expected)

  GPA: 4.0/4

- **Whitefish Bay High School**

  High School Diploma

  Graduated in 2022

  GPA : 4.24/4

Relevant Coursework

- Programming II & III
- Introduction to User Interfaces
- Introduction to Algorithms
- Introduction to Computer Engineering
- Data Science Modeling I
- Theory & Practice of Computer Science Education

Hard Skills

- Efficient Typing (85+ WPM)
- Chinese (Professional Working)
- French (Limited)
- Object-Oriented Programming
- Web Design
- Google Sheets

Soft Skills

- Organization
- Problem-solving
- Collaboration
- Time Management
- Flexibility

Experience

Study Abroad - UW Food Systems and Environment in Northern Japan

Aug 2023, Obihiro, Hokkaido, Japan

Learning Outcomes:
- Effective communication across cultural and language barriers
- Deepened understanding of the strengths and limitations of food systems in Japan

University of Wisconsin Sea Grant | Beach Ambassador
June 2023 - Present, Milwaukee, WI

Key responsibilities:
- 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

Mathnasium | Math Instructor
Jan. 2021 - Jan. 2023, Whitefish Bay, WI

Key responsibilities:
- 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

Achievements

2022, 2023	UW-Madison Dean's List
2023	1st Place Sustainability Hack (MadHacks 2023)
2022	Wisconsin Academic Excellence Scholarship

Projects

Beach Ambassador Website: (Available By Feb.)

Personal Website: https://pixelfish123.github.io/

EmptyFridge (Hackathon Winner): https://devpost.com/software/emptyfridge

Extracurriculars

UW-Madison Chinese American Student Association

Sep 2022 - Present

- Secretary Intern - Organized meetings and email newsletter
- Event Coordinator

Code to Connect

Sep 2023 - Present

- Teach K-12 about fundamentals of coding and basic concepts