

AN LOU

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EDUCATION

UNIVERSITY OF WISCONSIN-MADISON

Madison, WI

Bachelors of Science in **Computer Science**

2024 - Intended Graduation Dec 2026

Overall GPA: 4.0/4.0

Courses Taken: Algorithms, Data Structures, Intro to Computer Engineering, Digital Electronics, CS Principles

Courses Taking: Web Dev, Operating Systems, Intro to AI

RELEVANT EXPERIENCE

MENOMONEE FALLS HIGH SCHOOL ROBOTICS CLUB - FRC TEAM 6223

Menomonee Falls, WI

Coding Lead

Oct 2022– July 2024

- Managed a code team consisting of 10 members to create and combine code for our robot in Java using GitHub and VSCode.
- Programmed and tested motors directly using Phoenix Tuner.
- Implemented an auto-run routine for the robot using PathPlanner, placing us 4th out of 54 teams in terms of auto-points (we also placed 1st out of 54 overall in 2024 qualifiers).

MENOMONEE FALLS HIGH SCHOOL IT Help Desk

Menomonee Falls, WI

Tech Support

Jan 2022– Jun 2023

- Fixed 50+ student's problems with the school's chromebooks by replacing batteries, buses, and screens.
- Disassembled 20+ broken chromebooks to reuse working components.
- Managed and submitted tickets to keep track of IT problems and work with other tech support members/leads.

ADDITIONAL SKILLS

Technical Skills: Breadboards, Arduino, Git, R Studio, VSCode, Eclipse, Linux/Command Line, HTML/CSS, React, SQL, Unity, Docker

Programming Languages: Java, JavaScript, C, C++, Assembly, Python

Languages: Native English, Intermediate Japanese, Elementary Chinese

Awards: National Merit Scholarship Finalist, Wisconsin Merit Scholarship, Academic Excellence Scholar

ALL EXPERIENCE

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FIREHOUSE SUBS

Menomonee Falls, WI

Crew Member

Sep 2023– Aug 2024

- Tended to and resolved customer questions demands and complaints regarding the establishment
- Maintained, cleaned, and stocked facilities and equipment mostly regarding food
- Collaborated with other team members to deliver satisfactory service to customers under high demand situations

ROAMIN' WITH RAMEN

Madison, WI

Club Member

Sep 2024– Present

- Volunteering and fundraising to go towards local food pantries on campus (biweekly)

PIRG RIGHT TO REPAIR FIX-A-THON

Madison, WI

Volunteer

October 18th, 2025

- Altogether refurbished 40 computers that could not update to Windows 11 by installing either Linux Mint or Chrome OS Flex.

AP PHYSICS STUDENT ASSISTANT

Menomonee Falls, WI

Fall Semester 2022

- Helped set up AP Physics labs requiring measuring devices and manual labour
- Answered student's questions in a classroom of 30