

Ryan Lynch

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EDUCATION

University of Wisconsin-Madison

Bachelor of Science, Computer Engineering | May 2024

Double Major: Computer Sciences

Technical Skills

Programming: Java, C, Assembly, HTML, Verilog, Python, JavaScript, SQL

Programs: Windows, Linux, Eclipse, MATLAB, Altrium, Visual Studio Code, Android Studio, GitHub, Jira

Experience

Projects

Segway Device

- Programmed Segway Hardware using System Verilog
- Properly test, debug and pipeline code

Android App

- Capstone group project to design, program, and present our own APP
- Programmed in Java on Android Studio
- Implemented OPEN AI API and prompt engineered chatbot
- Monitored development using Jira

Wisconsin Esports Conference

- Created database and front-end used to access and analyze information for 100+ players

Work

Varsity Tutors, Remote

Tutor, September 2024 - Current

- Teach Math, Science, and Computer languages to students from high school through college.
- Help solve homework problems, class projects, or study for tests.

Domino's Pizza, Inc., Madison WI

Delivery Driver, October 2023 - June 2024

- Adhered to strict delivery time requirements following corporation guidelines for excellent customer service

Dining and Event Center, UW-Madison

Shift Lead, August 2020 - October 2023

- Led a diverse group of staff to serve dining hall patrons during slow and peak service times
- Adapted to the ever-changing number of customers with the limited amount of full time and student staff

Extracurriculars

Madison Esports, UW Madison

Captain, 2021-2024

- Hosted games, made the schedule, and designed strategy

First Robotics, Marquette University High School

Member, 2016-2020

- Team member of Electrical and Strategy teams.
 - Participated with electrical design, wiring, and battery
 - Helped run strategy meetings, follow game rules, and scout other teams

Science Olympiad, Marquette University High School

Member, 2019

- Scored 1st with a partner in Thermodynamics section.