

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

AI

- Developed in Python to make multiple small AI applications
- Engineered Teeko Game AI that used MIN-MAX value to determine best moves
- Made Image processing AI which identified a piece of clothing as a percent certainty of the image

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

Acieta, Waukesha

IT Specialist, November 2024 - Current

- Main tasks include onboarding/offboarding users, support to customers on hardware and software, solving network issues, following security procedures.
- Main projects were deployment of Epicor and domain and Microsoft consolidation.

Varsity Tutors, Remote

Tutor, September 2024 - November 2024

- 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

Dining and Event Center, UW-Madison

Shift Lead, August 2020 - October 2023