

# ALWALEED ALAWNEH

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## Education

American University of Sharjah

1-9-2022 – Current

- Awarded both the Dean's List and Chancellor's List of both 2022- 2023 and 2023-2024 university years.
- Currently a Senior with a 3.85 CGPA .
- Relevant courses: Linear Algebra-A/Data Structures and Algorithms -A/Discrete math -A/ /Artificial Intelligence- A

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## Work Experience

**Marcopolo Holidays**

UAE,Sharjah

*Software Engineer Intern*

June 2024-August 2024

- Designed and implemented a vendor management system with a form submission feature, a backend for data storage, and a dashboard for agents to review submissions, significantly reducing manual data entry.
- Deployed the system to production, resulting in a 50% increase in workflow efficiency by automating data processing and retrieval.
- Gathered user feedback to improve the user interface, enhancing agent satisfaction and streamlining task completion.

**American University of Sharjah**

UAE,Sharjah

*Researching Assistant*

August 2024-Current

- Developed and tested reinforcement learning algorithms on non deterministic finite state machines to find a synchronizing sequence, improving model performance over baseline methods.
- Co-authored a research paper summarizing findings, contributing to academic presentations.

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## Projects

- SPOTIFY PYTHON SCRIPT

Created a python script that automatically downloads all the Spotify songs of a user's playlist. The script utilizes the Spotify API as well as the YouTube APIv3 API to create get and post Api requests to get the information required. This project taught me how to read through new documentation as well as the concepts of APIs.

- ANGHAMI TO SPOTIFY PLAYLIST MOVER

Addressed a friend's challenge of transferring their extensive music library of 5000 songs from Anghami to Spotify. Employing Selenium and the Spotify API alongside Flask, I automated the migration process. This project not only provided a practical solution for my friend but also enhanced my proficiency in scripting and API integration, underscoring the value of technology in solving real-world problems.

- PONG AI

Created a Pong game using C++ and SFML, including custom AI bot using heuristics and multiple game modes for diverse player experiences. Demonstrated strong software development skills and creativity in enhancing traditional game concepts with innovative features.

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## Skills & Interests

**Technical:** C++, Python 3.12, Java, Javascript , Assembly, Computer Vision, Qiskit