

Saud Alqabi

(347) -249-1882 | |saud.sa132@gmail.com |[Saud Alqabi](#) | [LinkedIn](#)

EDUCATION:

Syracuse University

Bachelor of Science in Computer Science, May 2024

SKILLS:

Programming Languages: Python, Java, React, Pandas, HTML, C++ , C, Swift, Linux

Languages: English (Fluent), Arabic (Fluent), Urdu (Conversational), Spanish (Conversational).

Certificates: Google Cybersecurity Certificate

Project Management Tools: Github, Taiga, Trello,Notion

PROJECTS

Data Mining with Music

2024

- Engineered a project that applied advanced reinforcement learning techniques, rigorously experimenting and optimizing for near-optimal performance; resulted in a **30% increase** in decision-making accuracy and operational efficiency.
- The model managed to achieve a reasonable prediction of **29%** which led to the conclusion that music critique is **subjective** and the performance of an album is **not necessarily** going to be affected by a review.

CatMouse (Python PyTorch & TensorFlow)

2023

- Developed and integrated an advanced **TD Q-learning algorithm** for the cat-mouse domain, optimizing action selection and adaptive learning rates; achieved a **40% increase** in solution efficiency and reduced training time by **25%**
- Showcased proficiency in reinforcement learning through rigorous experimentation and optimization.

MUSIX (Backend,Python, and Agile development)

2023

- Coded the backend of a web application enabling users to discover songs via **Google Maps hot zones**.
- Managed music data with **MongoDB servers**.
- Led sprint meetings to discuss progress and ticket solutions.

Innovate Orange, Technology Team (Java Web development and Backend)

2021

- Managed and reviewed over **100 large code files** in multiple programming languages using GitHub, ensuring code quality and consistency.
 - Developed and optimized backend functionalities to enhance the user interface and overall user experience of the website.
-

WORK EXPERIENCE:

LFG Sports Interviewer/Video Editor

2023

- Conducted on-campus interviews with Syracuse University students, utilizing Canon DSLR equipment for high-quality footage.
- Edited videos using **Adobe Premiere Pro**, optimizing content for TikTok and Instagram.
- Achieved average view counts between **10,000 and 50,000 per video**, significantly increasing social media engagement.

Resident Advisor at Syracuse University

2022-2024

- Supervised and supported nearly 50 dorm residents, ensuring their safety and well-being in a building housing 300 students.
 - Collaborated with fellow advisors to address student concerns and foster a supportive living environment.
-