

Hussam Abdulaziz Alkharfi

INFORMATION TECHNOLOGY

Riyadh, Saudi Arabia, +966500445899, hualkharfi@gmail.com, LinkedIn: [Hussam Alkharfi](#)

SUMMARY

A Information Technology Senior with expertise in database management, governance, networks, and operating systems, I possess a strong interest in cybersecurity, business analysis, artificial intelligence, and project management.

EDUCATION

Bachelor's Degree, Imam Mohammad Ibn Saud Islamic University | Saudi Arabia, Riyadh **Jun 2025**

Bachelor of Information Technology - College of Computer and Information Sciences

Major **GPA: 4.04**

CERTIFICATES AND COURSES

McKinsey Forward Program **Dec 2024**

Data Fundamentals by IBM and STC **Oct 2024**

Cybersecurity Incident Response Analyst by Misk Skills and STC **Aug 2024**

Project Management Capstone by IBM **Aug 2024**

Google Project Management Specialization by Google **Jul 2024**

IBM Cybersecurity Analyst by IBM **Jun 2024**

Google Data Analytics Certificate by Google **Jun 2024**

PROJECTS

Simulation Q-Learning for smart Traffic Light system (Graduation Project)

Developed a Smart Traffic Light System as a graduation project, utilizing Q-Learning, a reinforcement learning algorithm, and YOLO (You Only Look Once), a real-time object detection algorithm, to optimize traffic flow. The system dynamically adjusts traffic signals based on real-time traffic conditions and vehicle counts, reducing congestion and improving overall efficiency.

Implemented the project using Python, focusing on creating a more adaptive and intelligent traffic management system.

SKILLS

Teamwork	Problem solving	Microsoft Office (Word, PowerPoint, Excel)
Communication skills	Leadership	Emotional Intelligence
Flexible and Adaptable	Data Analytics	Project Planning
Financial Analysis	Security Administration	Cybersecurity

LANGUAGES

Arabic

English

RECOMMENDATION

Dr. Shariq Bashir

PhD, Information Technology Department at Imam Mohammad Ibn Saud Islamic University

Mobile: +966 508164033