KHALED ALRUWITA

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Senior student with proficiency in Python, SQL, web development and Cloud Computing. seeking a field training opportunity to apply my academic knowledge and enhance my skills in real world environments. I aim to contribute to innovative projects, gain hands-on experience, and develop an understanding of the information systems field.

EDUCATION

- Bachelor of Information Systems in In PSAU   Aug 2021 – Expected May 2025

    GPA: 4.09

PROJECTS

- SUMO Traffic Simulation Project

    Developed a simulation of various traffic scenarios at Prince Sattam bin Abdulaziz University campus to optimize traffic flow. The project measured various attributes such as waiting and stop times, number of vehicles , Impacted in Each scenarios such as adding a new traffic light or adding new gate, Then, we took the results and analyze it using decision trees for improving decision making in campus traffic management.

    Technologies Used: SUMO, Python, Traci, DecisionTreesClassifier.

- Data Integration Chatbot System

    Designed and developed a chat bot system capable of handling user commands and automating via chat messages and it is integrated with a MySQL database using MySQL. Connector to manage user data, allowing for efficient querying and data insertion, also it can send the user a screenshot of a data visualizations The entire system is hosted on a cloud, ensuring scalable and reliable performance.

    Technologies Used: Python, MYSQL, AWS

CERTIFICATES

- AWS Compute Services   Mar 2024

TECHNICAL SKILLS

• Database Management [Oracle Live, PhpMyAdmin]	**• Front-end** [HTML, CSS]	**• Back-end** [Python, Java, Flask ,Ngnix, MySQL]
• Cloud Computing [AWS$_{(EC2)}$, OCI, AliCloud]	**• Data Analysis/Visualization** [**Power BI**, Pandas]	**• Simulation Tools** [Eclipse SUMO,PTV-VISSIM]

SOFT SKILLS

• Fluent English	**• Adaptability**	**• Flexibility**
• Time Management	**• Multitasking**	**• Reliability**