

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 Computer Information Systems** Aug 2021 – Expected May 2025
In Prince Sattam Bin Abdulaziz
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

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|---|--|---|
| <ul style="list-style-type: none">Database Management
[Oracle Live, PhpMyAdmin]Cloud Computing
[AWS(EC2), OCI, AliCloud] | <ul style="list-style-type: none">Front-end
[HTML, CSS]Data Analysis/Visualization
[Power BI, Pandas] | <ul style="list-style-type: none">Back-end
[Python, Java, Flask ,Ngnix, MySQL]Simulation Tools
[Eclipse SUMO,PTV-VISSIM] |
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SOFT SKILLS

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|--|---|---|
| <ul style="list-style-type: none">Fluent EnglishTime Management | <ul style="list-style-type: none">AdaptabilityMultitasking | <ul style="list-style-type: none">FlexibilityReliability |
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