

Ahmed Al Touqi

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Recent University of South Carolina graduate passionate about technology and problem-solving. Experienced in database design with a focus on SQL querying and data management. Skilled in network administration, including building and managing LAN networks, monitoring packet flow, and ensuring the stability of simulated virtual networks using network simulation software. Proficient in Python software development, project management, and business case methodology. Strong managerial understanding of cybersecurity and excellent communication skills. Dedicated to delivering practical, innovative technology solutions aligned with organizational objectives and user needs.

EDUCATION

University of South Carolina, Columbia, SC

Graduated: May 2024

Bachelor of Science, College of Engineering and Computing

Major in: Integrated Information Technology

EXPERIENCE

Undergraduate Alumni - University of South Carolina, Columbia, SC

Jan 2020 – May 2024

- Built a country-educating website that inspired three visits and currently developing a site for a barber shop and restaurant that will generate more revenue through marketing strategies.
- Developed a theoretical business case for Dollar General on RFID implementation to reduce theft and increase revenue, including requirements and cost analysis.
- Developed, designed, normalized, and queried databases using SQL Developer, ensuring data integrity and efficient data retrieval.
- Assessed customer needs via communication and surveys, translating feedback into actionable development strategies.
- Excelled in network administration by building and managing LAN networks, configuring devices and applications, and managing hardware—including hands-on experience with real network switches and establishing internet connectivity.

IT Paid Intern – State Treasurer Office

Feb 2024 – Jun 2024

- Monitored Service Desk+ for employee issues, including hardware, software, and security alerts, escalating critical issues to supervisors.
- Contributed to IT projects, including automating the monthly cost reporting process, cutting completion time by 40%.
- Handled onboarding and offboarding tasks, ensuring all setups and configurations were complete for new hires and departing employees.
- Assisted in developing a comprehensive Security and Procedure Policy report for the agency.

Product Owner Capstone Project – EPRI

Jan 2024 – May 2024

- Collaborated with a team to develop a project schedule and charter for agile development.
- Researched OT technology and its architecture, exploring its integration with IT and identifying threats such as Stuxnet.
- Studied and applied frameworks like NIST to create a custom security detection framework, represented as an Excel table with security devices for specific scenarios, which was then fed into Splunk for further analysis.

ADDITIONAL SKILLS

- Fluent in Arabic and English.
- Proficient in Microsoft Office 365 (Including PowerBI and Power Automate)
- Software development
- Critical Thinking