

MOHAMMED ALSHAWI


Software engineer & Cybersecurity Graduate | IEEEExtreme Section Leader | WEF Global Shaper

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Jeddah, Saudi Arabia

SUMMARY


A passionate Software Engineering student with a knack for problem-solving. Eager to gain invaluable experience through contributing to organizations by applying skills and expertise at internships and COOP Training Programs. A quick and adaptable learner looking to professionally grow.

EXPERIENCE




Cybersecurity Trainee
Ministry of Communication and Information Technology
06/2025 - Present Riyadh, Saudi Arabia

- Increased security compliance by developing and implementing a comprehensive Cybersecurity Governance plan.




Section Leader
IEEEExtreme 05/2025 - Present Saudi Arabia

- Increasing the participation by more than 45%
- Expanding the collaboration network by 32% to increase the number of participants




Quality Assurance Manager
Google Developer Group | UBT 01/2025 - Present Jeddah, Saudi Arabia

- Helped to deliver and enhance 9 workshops and more than 130 students benefited through Google Developer Group club.




Student Council Member
UBT: University of Business & Technology 02/2024 - Present Jeddah, Saudi Arabia

- Successfully increased the budget for fostering student research by 54%
- Collaborated with university administration to expand the student's research department by 34%




Global Shaper | Vice Curator 25/26
World Economic Forum | Global Shapers Community 12/2023 - Present Jeddah, Saudi Arabia

- Secured a 30% increase in community engagement by launching an innovative digital outreach strategy through Tech J Shore initiative in Jeddah.
- Enhanced local hub activities by increasing participation rates by 25% through targeted community outreach.




Researcher
KAUST 12/2023 - Present Jeddah, Saudi Arabia

- Conducting research on Lithium-ion batteries
- Exploring new novel solutions for solar panels with coated materials



Student Teaching Assistant
UBT: University of Business & Technology 08/2022 - 12/2022 Saudi Arabia

- Assist and mentor students with technical problems
- Prepare content and plan for classes along with labs



Cybersecurity analyst
Zoom 03/2020 - 09/2020 Remote

- Conducted in-depth vulnerability assessments and penetration testing on Zoom's network infrastructure during the Data leakage incident.
- Identifying security flaws, simulating real-world attacks, and advising on mitigation strategies to enhance system resilience.

EDUCATION



Bachelor of Science in Software Engineering [Cybersecurity]
UBT: University of Business & Technology 2020 - 2025 Saudi Arabia

- Relevant Coursework: Data Structures, Algorithms, Database Management Systems, Web Development
- Development Lifecycle, Cybersecurity

CERTIFICATION

CompTIA A+
CompTIA

CompTIA Network+
CompTIA

CompTIA Security+
CompTIA

Cloud and Wireless Security
ISC2


Systems and Application Security
ISC2

Networks and Communications Security
ISC2

Incident Response and Recovery
ISC2

Principles of Secure Coding
University of California, Davis

AWARDS



2nd place winner & Global nominee
NASA Space Apps Challenge



Falling Walls Lab regional nominee
Falling Walls Lab institute



UBT Sustainability Champion
University of Business & Technology

PROJECTS

Hex Sentinel
11/2024 - Present
It is an Advance Honeypot Detection and Countermeasure System with ML Integration senior project that help to protect sensitive information, online database and infrastructures from outside malicious attackers.

LANGUAGES

ArabicNative

EnglishAdvanced

SKILLS

Fast LearnerCreative Problem Solving

Deep LearningProject Planning

Software Engineering

Software DevelopmentEthical Hacking

C/C++HTMLJavaLinux

PythonTeamwork