

Noura AlGahtani

Cyber security Engineer

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📍 Saudi Arabia

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Skills

- Penetration Testing & Ethical Hacking (eJPTv2 Certified)
- Network Security & Architecture Design & Vulnerability Assessment & Risk Analysis
- Digital Forensics & Incident Analysis
- Security Monitoring & Threat Detection Governance, Risk, and Compliance (GRC)
- Machine Learning Model Development & Data Analysis & Preprocessing & Training Machine
- Wireshark, Nmap, Metasploit , BurpSuite & Cisco Packet Tracer
- Git & Version Control Linux Systems & Command Line
- Web Development HTML CSS JS & Backend Development Python , Django , Fastapi , Flask
- Problem Solving and Critical Thinking & Leadership & Team Management

Education

University of business and technology	Software Engineer · Bachelor of science	08/2020 - 05/2026
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Experience

SAFCSP	Software Engineer intern	01/2022 - 12/2022
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Served as an Assistant Instructor for Java, Python, Data Science, and UI/UX bootcamps, supporting 200+ students. Evaluated assignments and projects, providing targeted feedback to improve performance. Guided students in job preparation, increasing their market readiness. Conducted one-on-one sessions to deliver personalized support and ensure student success.

Worked as a Software Engineer Intern, contributing to AI training and development, including training and fine-tuning AI models, and supporting software development tasks such as debugging, testing, and feature development.

Google Developers Student Club	Club Leader	05/2023 - 05/2024
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Led and managed GDSC UBT chapter, fostering a dynamic and inclusive environment for students to explore cutting-edge technologies. Collaborated with club members and industry professionals to organize events, workshops, and projects, empowering students to enhance their technical skills.

Projects

HemayaGrid	Senior Project	06/2025 - 02/2026
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HemayaGrid – AI-Powered Cybersecurity Framework

Designed and developed an intelligent cybersecurity framework to protect smart city and critical infrastructure systems against cyber threats. Integrated machine learning models (Isolation Forest) for anomaly detection and simulated real-world attacks (DoS, spoofing, tampering, replay) to evaluate system resilience. Built a monitoring system for smart meter environments, enabling real-time threat detection and response.