

MAGDI ABDULLAH MOHAMMED ALI SAAD

INFORMATION TECHNOLOGY ENGINEER

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SUMMARY

Network & Security Analyst Intern with practical experience in vulnerability assessment, firewall and IDS/IPS configuration, and AI-focused security research. Demonstrated ability to reduce attack surface on Linux systems through hardening and scripting, and to analyze network traffic using Nmap, Wireshark, and custom Bash tools. Seeking an entry-level cybersecurity role to apply technical expertise and contribute to a robust security posture.

PROFESSIONAL EXPERIENCE

Drooblite for Telecom Services & IT

Jun 2024 - Nov 2024

Network & Security Analyst Intern

Yemen

- Analyzed network traffic with Wireshark and performed vulnerability assessments using Python scripts and Nessus, uncovering several security gaps
- Assisted with firewall and IDS/IPS configuration.
- Supported incident response and security documentation

DevTown

Jan 2024 - Apr 2024

Cybersecurity Intern 3 months

India

- Secured Linux systems by configuring firewalls, hardening services, and performing network enumeration with Bash scripts, which reduced the potential attack surface
- Used Nmap, Netcat, and Wireshark to scan networks, test firewalls, and analyze traffic, uncovering misconfigurations and improving overall network visibility
- Gained experience in encryption, decryption, privilege escalation. Conducted basic penetration testing, threat hunting, malware analysis, and digital forensics.

CodSoft

Oct 2023 - Dec 2023

Internship, C++ programming

India

- Developed three C++ projects that applied object-oriented design, using the Standard Template Library and Git for version control, which helped the team demonstrate core programming concepts and improve code reuse

Oxford Generation International Institute

Dec 2020 - Jun 2021

ESL Instructor

Yemen

- Taught Advanced and Academic Writing and created custom lesson plans using targeted writing exercises and peer-review activities, which helped students improve their writing proficiency and confidence
- Designed and led exam-preparation sessions, providing practice tests and targeted feedback, which increased student confidence and contributed to higher exam pass rates

EDUCATION

Delhi Technological University

2021 - 2025

B.Tech, information Technology

India

- GPA:** 7.79/10
- Achievements:** ICCR Scholar
- Coursework:** Minor degree in Cyber Forensics and Cyber Laws

TECHNICAL SKILLS

- Programming Languages:** Python, C++, C, MySQL, HTML/CSS, JavaScript
- Systems & Networking:** Linux, TCP/IP, Network Traffic Analysis, Firewall & IDS/IPS Configuration, System Enumeration, Session Security
- Security & Forensics:** Vulnerability Assessment, Digital Forensics, Malware Analysis, Ethical Hacking, Encryption, Decryption, Basic penetration Testing

ACADEMIC RESEARCH & PROJECTS

AI Chatbots Platform Security Assessment

- Developed a security assessment platform to evaluate AI chatbots' resistance to prompt manipulation attacks by testing Meta AI, Grok AI, and Sutra AI, with Gemini used for automated response evaluation based on predefined security rules.

CNN Deepfake Detection Model

- Developed a CNN-based deepfake detection model to classify manipulated and authentic images using machine learning techniques.

Ducky Virus

- Simulated USB Rubber Ducky attacks in a controlled environment to analyze keystroke injection techniques and evaluate endpoint security defenses.

SecureCodeIQ Platform

- Developed a secure code analysis platform that detects common software vulnerabilities and promotes secure coding practices through automated code analysis.

Supermarket VLAN Network

- Designed and configured a VLAN-based network to improve security, traffic segmentation, and communication across multiple departments.

Publications

- Magdi Saad, Harsh, Lareb Ahmed, Ritu Agarwal.. "Investigating AI Chatbot Security: Measuring Susceptibility to Prompt Manipulation". - **Accepted and presented at the 16th IEEE ICCNT 2025.** Co-authored a paper evaluating the security of Meta AI, Grok-3, and Sutra AI against 12 categories of prompt injection attacks using a structured risk assessment framework.

CERTIFICATES

- IELTS English proficiency Certificate score 7.0
- IBM Cybersecurity Professional Certificate (In Progress) – Coursera
- Ethical Hacking – SWAYAM/NPTEL
- Python Programming – SWAYAM/NPTEL
- International E-Marketing Diploma – Meshkat Education

LEADERSHIP ACTIVITIES

ATAA Organization (8 months)

Jul 2025 - Jan 2026

Volunteer English Instructor

Delhi Technological University International Student Society (DTU-ISS)

Aug 2023 - Feb 2025

Asian International Student Representative

Al Salam School

Sep 2015 - Mar 2016

Vice President, Student Council

Al Salam School

Sep 2014 - Mar 2015

Sports Coordinator, Student Council

Languages

- English (IELTS C1)
- Arabic (Native)