

# NOUR AHMED

Alexandria, Egypt | Email: [nourahmed18@icloud.com](mailto:nourahmed18@icloud.com) | LinkedIn: [linkedin.com/in/nourahmed18](https://www.linkedin.com/in/nourahmed18) | GitHub: [github.com/NourAhmed18](https://github.com/NourAhmed18)

## PROFESSIONAL SUMMARY

Cybersecurity & Data Science student at Alexandria University specializing in **Digital Forensics and Incident Response (DFIR)**. Possesses a solid background in network security, system administration, and data analysis. Experienced in hands-on packet inspection with Wireshark, Multi-Area OSPF architecture, DHCP/HSRP implementation, and Linux log analysis. Seeking a **DFIR / Cybersecurity Internship** to leverage analytical skills, python scripting, and forensic fundamentals to protect organizational assets.

## EDUCATION

**Bachelor of Science in Computer and Data Science** Expected Graduation: July 2027  
*Alexandria University, Egypt | CGPA: 2.78*

## CERTIFICATIONS

- NTI Network Security Course Certification** – National Telecommunication Institute (NTI) August 2025 – August 2025
- Network Infrastructure Certification** – National Telecommunication Institute (NTI) July 2026 – August 2026
- Introduction to Cybersecurity Certification** – Cisco Networking Academy (Skills For All / SPRINTS) 2026

## SKILLS

- DFIR & Security:** Network Forensics, Packet Analysis (Wireshark), Log Analysis, Traffic Inspection, Cryptography Basics, Firewalls, ACLs.
- Networking & Systems:** Enterprise Network Architecture, Multi-Area OSPF, HSRP Redundancy, VLAN Segmentation, DHCP, NAT, Cisco Packet Tracer, Linux Systems, VMware.
- Programming & SQL:** Python, SQL, Java, R.
- Data Analysis & Tools:** Data Preprocessing, Feature Engineering, Regression, Matplotlib, Seaborn, Tableau, Power BI, Excel.
- Soft Skills:** Problem Solving, Analytical Thinking, Teamwork, Leadership, Communication, Adaptability.

## SECURITY & TECHNICAL EXPERIENCE

**Network Security Trainee** August 2025  
*National Telecommunication Institute (NTI)*

- Completed an intensive 120-hour practical training focusing on network security, defense mechanisms, and infrastructure design.
- Configured and hardened firewalls (FortiGate) and established NAT policies (DNAT/SNAT) for secure network management.
- Designed and isolated network environments using VMware, Linux systems, and custom VLAN topologies.
- Conducted traffic monitoring and packet analysis using Wireshark to inspect network communications.

## KEY PROJECTS

**Enterprise Infrastructure Topology & Routing Final Project (Cisco Packet Tracer)** 2026

- Designed and configured a complex multi-building enterprise architecture featuring Multi-Area OSPF v2 (Areas 0, 1, 2, 3) and router ID configurations.
- Engineered high-availability gateway redundancy utilizing HSRP across switches and configured dynamic DHCP IP pools for multi-VLAN segmentation (VLAN 2–7).
- Implemented strict IP routing, interface encapsulation, dynamic NAT, and traffic monitoring protocols for high reliability and forensic auditing.

**Cisco Networking Labs & Infrastructure Portfolio (GitHub)** 2026

- Published a full repository of practical Cisco Packet Tracer labs covering VLAN trunking, Spanning Tree Protocol (STP), ACL security rules, and router configuration scripts.
- Documented command-line switch/router configurations, network troubleshooting steps, and IP subnetting topologies.

**Medical Data Classification & Predictive Modeling (Python)** 2024

- Built classification models (SVM, Neural Networks, Logistic Regression) using Python to analyze structured data sets.

- Executed data preprocessing, feature selection, and outlier removal to evaluate and optimize model performance.

## VOLUNTEERING & LEADERSHIP

---

### Human Resources & Organizing Committee Member

Aug 2024 – Jan 2025

*HackerRank Student Club*

- Coordinated student activities, managed event logistics, and supported technical workshops for university students.

### English Teaching Assistant

Oct 2023 – July 2025

- Supported students in mastering technical communication and analytical problem-solving.