

# Ahmad Ghiyad Al Horr

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## Professional Summary

Computer and Communication Engineer with a solid foundation in networking, systems engineering, and wireless technologies, now specializing in web application penetration testing and cybersecurity research. Actively engaged in bug bounty hunting on platforms such as HackerOne and Bugcrowd, identifying vulnerabilities and improving application security through ethical hacking methodologies. Demonstrates strong analytical and problem-solving skills, supported by hands-on experience in exploiting and securing web technologies. Passionate about continuous learning, staying current with emerging security trends, and contributing to the protection and resilience of digital systems.

## Work Experience

**Cybersecurity Researcher and Web-App Penetration Tester** Oct 2025 – Present  
Hunting Bugs for NASA, Toyota, Ford, Porsche.

**Software Developer at IITC Stockholm – Sweden** June 2025 – Present

- Programming: Java, Python, C.
- Networking, VoIP, SIP, RTP.

**Technical Consultant Intern at ESolutions – Riyadh, Saudi Arabia** Oct 2024 – June 2025

- Training AI models (binary and multiclass classification).
- Networking, Linux (CentOS, RHEL).
- WebSphere, Docker, Kubernetes, OpenShift.
- DB2, Python automation (Jython).
- Maximo Application Suite, Prime support training, ticket resolution.
- Team communication, collaboration, and troubleshooting.

## Education

**Master of Science in Computer and Communication Engineering** Oct 2022 – Jun 2024  
Lebanese International University – Lebanon

**Bachelor of Science in Telecommunication Engineering (Dean's Honor List)** Oct 2018 – Jan 2022  
Lebanese International University – Lebanon

## Skills Summary

### Technical:

- **Cybersecurity:** OSINT, Application Security, Cryptography, BurpSuite, Nessus, Nmap.
- **Programming:** Java, Python, C, C++, Assembly, PHP.
- **Databases:** DB2, MySQL.
- **AI & Machine Learning:** ResNet, YOLO, PyTorch, Keras, TensorFlow.

**Soft Skills:** Communication, Team Collaboration, Problem Solving, Adaptability, Time Management.

## Projects

**IRTP:** A novel Voice over IP (VoIP) Real-time Protocol for patient–doctor online meetings, carrying real-time voice and medical data in the same stream while maintaining high QoS for telemedicine.

**AI Asset Classifier:** Developed binary and multiclass deep learning models (ResNet18) for asset condition classification using PyTorch and transfer learning.

**PDF to Excel Extractor:** Python script automating extraction of key data and tables from 1000+ PDF files into Excel format.

**Eyes Everywhere:** Master's thesis project on a computer-vision-based surveillance system for real-time detection, tracking, and identification of individuals.

**Dr.X Clinic System:** Full-stack web and mobile system for managing clinic operations (doctor, secretary, patients).

## Certifications

- Ethical Hacker Course – Cisco Networking Academy (Jun 21, 2025)
- Cybersecurity Essentials – Cisco Networking Academy (Jun 21, 2025)
- Introduction to Modern AI – Cisco Networking Academy (Jun 20, 2025)
- Lebanese Universities CTF (Winner) – Semicolon Academy (Jun 25, 2025)

## Languages and Interests

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**Languages:** Arabic, English, French.

**Interests:** Offensive Security, Red Teaming, Reading, Technology.