

Abdelrahman Magdy

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SUMMARY

Junior Penetration Tester with a fervent interest in Active Directory, Network Security, and Vulnerability Analysis. Energetic, driven, and technically minded individual continuously learning new skills in web security and contributing to the community through blogs and technical write-ups.

EDUCATION

Bachelor's Degree in Computer Science | Future Academy, Cairo

GPA: 3.07 | 09/2021 – Present

COURSEWARE

- Offensive Security:
 - Hack The Box Certified Penetration Testing Specialist (CPTS) – In Progress (200 Hours)
 - Windows Privilege Escalation for OSCP and Beyond | Udemy (6 Hours)
 - Security Engineering learning path | TryHackMe | 32H
 - Practical Ethical Hacking | TCM Security | 30H
 - Practical Bug Bounty | TCM Security (5 Hours)
- Scholarship Courses:
 - Track Name: Cisco Cybersecurity Engineer | Cisco & DEPI (130 Hours)
 - Cisco CCNA (200-301)
 - Cisco CyberOps (200-201)

EXPERIENCE HIGHLIGHTS

- Volunteer Security Researcher | Toybattles.net | Mar 2025 – Jun 2025
 - Conducted authorized security testing for a community-driven game revival project.
 - Discovered and reported critical SQL injection vulnerabilities, preventing potential database compromise.

- Identified API flaws enabling user impersonation in the comment system.
- Uncovered input validation issues such as improper filtering and unused parameters.
- Performed WAF bypass testing to evaluate the effectiveness of Cloudflare defenses.
- Delivered detailed reports with remediation guidance to the development team.

TECHNICAL SKILLS

- Familiar with security frameworks: OWASP, ISO 27001, NIST SP 800-53, CIS Benchmarks
- Understanding of encryption standards and protocols: AES, RSA, SSL/TLS
- Hands-on experience with firewall configuration and secure network segmentation
- Proficient in Active Directory & Windows attacks/mitigations
- Knowledge of secure API testing: Authentication, IDOR, logic flaws, SSRF
- Threat modeling using STRIDE, DREAD and vulnerability analysis with SAST/DAST tools (OWASP ZAP, Burp Suite)
- Familiar with mitigation tools such as Cloudflare WAF and Enterprise EDRs
- Skilled in evasion techniques against Windows Defender
- Programming and script reading: JavaScript, Python, PowerShell
- Proficient with tools: Burp Suite Pro, OWASP ZAP, sqlmap, Metasploit, responder, mimikatz, hashcat, etc.

SOFT SKILLS

- Strong written communication through technical blogs and documentation
- Effective in independent work and collaborative team environments

PROJECTS

- magdy3660 Blog | 06/2024 – Present
 - Source: <https://magdy3660.github.io/> / the-cyber-sentinel.gitbook.io/wiki/
 - Blogs for sharing personal cybersecurity experiments, focusing on research and experimentation with red and blue team operations, known cyberattacks, and malware analysis.
- Small Secure Network | 10/2024
 - Source: <https://github.com/magdy3660/DEPI-Project-small-secure-network>
 - Built a secure network infrastructure with VLANs, DMZ Zones, firewalls, and router/switch configuration for maximum security.

LANGUAGES

English: Proficient | Arabic: Native