

MAHMOUD ADEL

Junior Penetration Tester

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SUMMARY

Aspiring Red Team Penetration Tester with specialized expertise in web, mobile, and network security assessments, backed by a proven bug bounty track record including discoveries at Pinterest, Verisign, Dell and others. Skilled in advanced tools alongside methodologies like OWASP and MITRE ATT&CK. Demonstrated practical experience through popular CTF platforms HackTheBox and TryHackMe, complemented by ongoing Software Engineering studies and strong proficiency in Python and Web Development. Dedicated to ethical hacking, responsible vulnerability disclosure, and continuous development of offensive security skills.

SKILLS

TCP/IP, Windows, Linux, Network Security, Active Directory, OWASP, Red Team, MITRE ATT&CK, Privilege Escalation, Vulnerability Assessment, Exploit Development, Presentation Skills, Problem Solving, System Administration

Burp Suite, Metasploit, Cobalt Strike, Sliver, Ghidra, Nmap, Wireshark, BloodHound, Impacket, SQLMap, Nuclei, ffuf

Python, Bash, JS, C/C++, Assembly, SQL

EXPERIENCE

Penetration Tester, intern

Bastion cybersec solutions

05/2024 - 09/2024

- Completed intensive practical internship focused on application and network security testing.
- Ranked Top 5 among 100 participants in Bastion Cybersec's internal CTF competitions, showcasing advanced penetration testing skills.
- Conducted hands-on security assessments identifying vulnerabilities in target systems and web applications.
- Performed privilege escalation to root access using various exploitation techniques on Linux and Windows systems.
- Researched and delivered comprehensive presentation on prevalent security vulnerabilities and common exploitation methods.
- Successfully completed program and received certificate of completion.

EDUCATION

Bachelor of Software Engineering

Tomsk State University

09/2022 - 07/2026

KEY ACHIEVEMENTS

CTF & Platform Rankings

HackTheBox PRO HACKER Status.
TryHackMe Active Contributor.

Published Security Research

"Computer Security & Binary Hacking Concepts and Basics." Comprehensive guide covering fundamental security principles, binary exploitation techniques, and practical hacking methodologies for aspiring security researchers.

"Two Captcha Bypasses - IDOR and Token Reuse."

Original vulnerability research documenting novel captcha bypass techniques through Insecure Direct Object Reference (IDOR) and authentication token reuse vulnerabilities.

"Evade Network Scanners with Firewall." Defense evasion research exploring techniques for bypassing network security monitoring and intrusion detection systems through firewall manipulation.

KEY ACHIEVEMENTS

Multiple Security Recognitions

Achieved security recognition from 5 popular companies including Pinterest and VeriSign.

INTERESTS

Cybersecurity Threat Intelligence

Interested in discovering the latest cybersecurity news, threats, Incidents and passionate about the details

Imagination

I love to dream about the nature and fantasize about life, future , universe, Atom, Energy , Space

Everyday walks

I love to go outside and see the world and having a cup of coffee at some Cafes