

# MOHAMMED SAMI ABDULAZEEM

Offensive Security Trainee — Junior Penetration Tester

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## SUMMARY

Self-taught junior penetration tester with hands-on CTF, bug bounty, and red teaming experience. Skilled in web exploitation, reconnaissance, privilege escalation, and cryptography, with projects like multi-cipher encryption tools. Holds eJPT, eWAPT, eCIR, CCNA, and CCNP SCOR, plus strong Python and PHP skills. Proven CTF leadership and now seeking an entry-level role to ethically break systems before attackers do.

## EDUCATION

### Ahram Canadian University

BSc in Computer Science, Department of Artificial Intelligence

Sep. 2021 – Jun. 2025

6th of October City, Giza

CGPA: 3.0

Final Year GPA: 3.0

**Graduation Project:** "Enhancing Predictive Maintenance Using Machine Learning and Data Analytics" —

Built and secured a web application for safe integration of ML-based CNC failure predictions, ensuring robust protection against common web attacks.

## OFFENSIVE OPERATIONS

### Cipher Program | Python

2024

- Engineered a Python GUI program to encrypt/decrypt text using 10 distinct cipher algorithms.
- Validated program robustness through extensive testing and expert review.
- Deployed cross-platform for various security applications.

### Capture The Flag Operations | picoCTF, Portswigger Academy, Try Hack Me

2023 - present

- picoCTF:** Exploited vulnerabilities including WebDecode, Unminify, Bookmarklet, and others across various challenge types.
- Portswigger Academy:** Mastered and exploited common web vulnerabilities including Reflected, Stored, and DOM XSS, CSRF, and Basic/Filtered SSRF.
- TryHackMe:** Successfully compromised targets like Bounty Hacker and Nahamstore.thm using practical offensive techniques. Completed 50+ labs focusing on web exploitation and privilege escalation.

### Bug Bounty Engagements | HackerOne

2023 - present

- Discovered and reported a DOM-based XSS vulnerability in the inDrive program, collaborating with a team of bug bounty hunters.
- Gained valuable experience participating in engagements targeting major companies, developing advanced reconnaissance and exploitation skills.

## LEADERSHIP / EXTRACURRICULAR

### E-Finance CTF Hackathon

July 2024

CTF Lead Operator

Nile University

- Orchestrated a 10-member professional cybersecurity CTF team, strategizing and coordinating offensive operations.
- Ensured team compliance with hackathon rules while pushing boundaries of technical execution.
- Achieved 3rd place ranking, demonstrating effective leadership and team synergy under pressure.

## TECHNICAL SKILLS

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**Languages:** Python, PHP, C++, SQL, JavaScript

**Offensive Toolkit:** Burp Suite, Metasploit Framework, Nmap, OWASP ZAP, SQLMap, Wireshark, Nikto, Aircrack-ng, Hydra, John the Ripper.

**Web Exploitation:** Deep understanding of HTTP/HTTPS protocols and SOP policy for web application attacks.

**Operating Systems:** Offensive use of Linux distributions (e.g., Kali Linux, Ubuntu).

**Virtualization:** VMware, VirtualBox for testing and lab environments.

## RELEVANT COURSEWORK

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| <ul style="list-style-type: none"><li>• <b>Certifications</b></li><li>• eJPTv1, eWAPT, eCIR</li><li>• CCNA 200-301, CCNP SCOR 350-701, MCSA core</li><li>• <b>Cybersecurity Training</b></li><li>• Bug Bounty Bootcamp</li><li>• PEH (TCM-sec)</li><li>• OSCP Labs (Nakerah)</li><li>• HTB-Certified Penetration Testing Specialist</li><li>• Red Team Essentials</li><li>• Red Teaming, Ethical Hacking</li></ul> | <ul style="list-style-type: none"><li>• <b>Programming &amp; Web</b></li><li>• Full-Stack Web Development using Laravel (DEPI)</li><li>• Flutter Mobile app Dev (ITI)</li><li>• Web App Security</li><li>• OOP</li><li>• <b>Computer Science</b></li><li>• Data Structures</li><li>• Algorithms</li><li>• Database Management</li></ul> |
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## BACKGROUND

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### Before hacking systems, I hacked language barriers and social engineered customers

*English Instructor / Call Center Agent*

- \* Developed communication skills and patience by instructing English to diverse learners.
- \* Honed social engineering techniques and problem-solving through customer interactions.
- \* Managed diverse personalities and difficult situations, skills transferable to red teaming.

## MILITARY SERVICE

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**Status**

**In progress — applying for temporary exemption as sole family provider.**