

Adham Osama Eldouh

JUNIOR PENETRATION TESTER

 <https://www.linkedin.com/in/adham-eldouh>  adhameldouhdev@gmail.com

 <https://github.com/adhamEldouh4>  +201015013191  6th of October City

SUMMARY

Third-year Computer Science student with a strong background in software and backend development using PHP and Laravel. Currently focusing on cybersecurity and penetration testing, combining software development knowledge with security skills to identify and understand web application vulnerabilities.

EXPERIENCE

DIGITAL EGYPT PIONEERS INITIATIVE (DEPI) VAPT TRAINEE

2026 - PRESENT

Specialized training in Vulnerability Assessment and Penetration Testing (VAPT), covering cybersecurity, web security, vulnerability assessment, and penetration testing, with hands-on practice using security tools in controlled environments.

SKILLS

Penetration Testing, Vulnerability Assessment, Web Security, OWASP, Nmap, Nessus, Metasploit, Burp Suite, Linux, PHP, Laravel, MySQL, REST APIs, Livewire, Python, C++, JavaScript, Git, GitHub, Postman, HTML, CSS, Tailwind CSS, OOP.

CYBERSECURITY (PRACTICE)

- Practiced Vulnerability Assessment, Network Enumeration, and Service Enumeration using Nmap, Nessus, and arp-scan.
 - Performed security testing in controlled environments including Metasploitable 2 and vulnerable virtual machines.
 - Researched vulnerabilities, CVEs, and exploits using SearchSploit and Exploit-DB.
 - Applied practical VAPT techniques through hands-on labs as part of DEPI training.
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PROJECTS (SOFTWARE DEVELOPMENT)

E-commerce Website — Laravel, PHP, MySQL

- Developed an e-commerce platform with user authentication, product and category management, shopping cart, order processing, pricing management, and order tracking.

E-Learning Website — Laravel, PHP, MySQL

- Developed an online learning platform with course management, role-based access, lecture and exam management, student performance tracking, and exam statistics.
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CERTIFICATIONS & COURSES

- Introduction to Cybersecurity — Cisco
 - Red Teaming, Ethical Hacking, Bug Hunting & Penetration Testing — Udemy
 - The Complete Full-Stack Web Development Bootcamp — Udemy
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EDUCATION

Fayoum University2024 - PRESENT

Faculty of Computer Science and Artificial Intelligence

STUDENT ACTIVITIES

IEEE FSB — Marketing Team Member

Contributed to IEEE marketing activities, including competitive analysis, data collection, and content strategy. Recognized as a **Best Member — IEEE FSB 2026** for outstanding performance and contribution.

LANGUAGES

- **Arabic:** Native
- **English:** B2 (Upper Intermediate)