

Ahmed Ehab Sayed

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Summary

Information System Security Specialist with over 2 years of experience in vulnerability assessment and offensive security research. Expert in conducting high-impact security assessments to ensure the integrity of information systems through the implementation of rigorous security architecture standards and mitigation of complex vulnerabilities. Proven track record in researching and securing network devices and web-based security infrastructure within diverse environments.

Professional Experience

Offensive Security Intern

July 2025 – October 2025

BUGUARD, GIZA, EGYPT

- Conducted end-to-end vulnerability assessments and network security audits on Windows and Linux systems, ensuring alignment with security architecture standards and DISA STIG configurations.
- Researched and implemented proof-of-concept exploits for 50+ organizations to demonstrate critical security gaps in existing infrastructure and the necessity for formal Assessment and Authorization (A&A).
- Mitigated high-impact risks by identifying critical vulnerabilities in web applications and network devices, delivering structured professional PoCs and remediation recommendations to stakeholders.
- Ensured information assurance through thorough vulnerability validation and concise remediation guidance, addressing lagging remediation issues for complex security stacks.

Bug Hunter

April 2025 – Present

BUGCROWD, REMOTE

- Conduct manual and automated security assessments of web applications and APIs for high-security environments, including NASA, ensuring strict adherence to information system security protocols.
- Submitted 50+ vulnerability reports for NASA, Rapyd, Code.org, and Majid Al Futtaim Retail (Carrefour), Jobcloud, Pokémon, ...etc.
- Research and identify novel IDOR vulnerabilities, earning a Letter of Recognition from NASA VDP for enhancing the security posture of mission-critical information systems.
- Implement advanced reconnaissance and payload tuning to optimize the discovery of unique vulnerabilities across Windows and Linux platforms, reducing false positives and duplicate reports.
- Mitigate sophisticated logic bugs and race conditions by crafting clear PoCs and actionable remediation steps, streamlining triage and accelerating security infrastructure hardening.

Bug Hunter

April 2024 – Present

HACKERONE, REMOTE

- Conducted comprehensive manual and automated vulnerability assessments against web applications and APIs, focusing on the identification of systemic security weaknesses.
- Ensure compliance with security best practices by submitting detailed vulnerability reports for top-tier programs, including Booking.com and 23andMe, emphasizing logical remediation for complex security gaps.
- Research and optimize scope-mapping processes to identify unique vulnerabilities within various security architectures, streamlining the discovery of critical flaws in high-scale environments.
- Mitigate operational risks by developing structured PoCs and technical remediation guidance, fostering efficient collaboration with security triage teams and improving disclosure timelines.

Education

Bachelor of Computer Science in Faculty of Computers and Artificial Intelligence, Major CS, GPA 3.18 2023 – Present
CAIRO UNIVERSITY, GIZA, EGYPT

Skills

Vulnerability Assessment & Penetration Testing:

- **Web Application Security: OWASP Top 10, API Security Testing, GraphQL Security, Authentication/Authorization Flaws, Logic Bugs, Race Conditions**
- **Mobile Application Security: Android Penetration Testing (ADB), OWASP Mobile Top 10**
- **Network Security: Vulnerability Scanning, Network Penetration Testing, Reconnaissance**

Security Tools & Frameworks:

- **Testing Platforms: Burp Suite Pro, OWASP ZAP, SQLMap**
- **Reconnaissance & Enumeration: Subfinder, Amass, FFUF, Nuclei, Shodan, Censys, Shrewdeye, Wayback Machine**
- **Exploitation & Fuzzing: DalFox, XSSStrike, Custom Exploit Development**

Programming & Scripting:

- **Security Automation: Python, Bash Scripting, PowerShell**
- **Web Technologies: JavaScript, PHP, JSON, HTML5**
- **General Purpose: Java, C++, C**

Operating Systems & Platforms:

- **Linux/GNU, Windows**
- **REST API Testing, JWT/OAuth Security Flows**
- **CI/CD Security Integration**

Methodologies:

- **OSINT, Manual & Automated Fuzzing, Scope Mapping, Payload Crafting**
- **Technical Report Writing, PoC Development, Remediation Guidance**

Languages

- English
- Arabic

Courses

- eWPTX Self-Study
- eJPT Self-Study