

# Ali Essam

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## SUMMARY

Fortify Your Digital Realm with Cutting-Edge Cybersecurity Solutions

In today's interconnected world, your digital assets are constantly under attack. Stay one step ahead with our advanced cyber security solutions. Our multidimensional shield protects your data, infrastructure, and privacy from relentless threats. With our cutting-edge technologies and expert defenders, you can create a resilient and secure digital ecosystem. Don't compromise on security - choose our innovative cyber security solutions today.

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## EXPERIENCE

**Cyber Security Specialist**  
Military Technological College

January 2023 - Present

**BugBounty Hunter**  
January 2019 - Present

As a skilled cybersecurity professional, I've partnered with HackerOne to take on the challenge of finding bugs in some of the most reputable organizations worldwide. Together, we form a formidable force, harnessing our expertise to identify and eliminate vulnerabilities that could be exploited by malicious hackers.

With HackerOne's cutting-edge platform and robust community of ethical hackers, we dive deep into the code, probing for weaknesses, and exposing potential threats. Our mission is to ensure that

organizations' digital infrastructures are fortified against cyber attacks.

Check my github.

<https://github.com/dragonked2>.

**Security Specialist**  
Military Technological College

June 2023 - July 2023, Egypt

- Conducted security assessments and identified potential weaknesses in security controls across network, server, and application level, using vulnerability scanning tools and manual review.
- Leveraged knowledge of security protocols to develop a secure patch management cycle, reducing zero-day vulnerabilities by 50%, system downtimes by 60%, and improving overall security posture.
- Implemented robust data protection mechanisms to ensure secure communication between internal systems and clients.
- Created automated rules to monitor potential malicious activities and ensure system compliance with industry standards and regulations.
- Developed detailed remediation plans for detected vulnerabilities and followed through on closing identified gaps.

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## PROJECTS

**Egyscan**

GitHub · July 2023 - July 2023

- Egyscan is a WebApplications wide scanner for identification of vulnerabilities and security vulnerabilities within a network.
- Implemented Egyscan for network security, analyzed and detected malicious activities, achieved an 88% reduction of security breaches and improved the overall security of the system.
- Obtained an average of scan speeds of 600MB/s and performed weekly security scans with the system.
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## EDUCATION

**Education, Computer Science**

Information Technology Institute · 2020

**Bachelor Computer Science**

Minor in Programming, CyberSecurity · Technology Private insitute · Egypt · 2020 · 3.70

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## CERTIFICATIONS

**CISP**

Elearn · 2021

CyberSecurity

**Ejpt&ewpt**

Elearn · 2021

<https://www.verify-resume.org/verify/WEy2ILthdwxP4eA2Uv2Q>



## **COURSEWORK**

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### **Military Systems Hacking & CyberWarfare**

Private Inistute • 2023 • TeamWork

Coording code with small amount of people

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## **SKILLS**

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PHP,MYSQL,Python,CyberSecurity,Networking,Linux/Win, Technical Skills: CyberSecurity, Vulnerability Assessment, Vulnerability Assessment, Security, Incident Response, Escalation, Escalate, Issue, Internal, Support, Pentesting

