

Mohamed Mostafa Ali

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EDUCATION

- **Arab Academy for Science, Technology & Maritime Transport** *Oct 2022 – Jul 2026*
Bachelor of Computer Science; Major in Cybersecurity
Smart Village, Egypt
GPA: 3.56/4.0 (Excellent)

EXPERIENCE

- **Commercial International Bank Egypt (CIB)** *Jul 2024 – Aug 2024*
Internship Trainee · Internship (Online) Cairo, Egypt
– Participated in a dynamic program covering essential topics in the banking sector, gaining insights into industry operations and practices.
– Enhanced skills in teamwork, communication, and problem-solving while contributing to a leading financial institution.
– Supported various projects and initiatives, gaining practical experience in a remote work environment.
- **National Bank of Egypt (NBE)** *Aug 2024 – Sep 2024*
Information Technology Trainee · Internship (On-site) Cairo, Egypt
– Gained hands-on experience in IT operations, including software testing, troubleshooting, and collaboration with vendors to resolve issues and bugs.
– Observed and participated in team efforts to improve the bank's software applications, enhancing my understanding of IT dynamics in the banking sector.
– **Skills Developed:** Software testing, troubleshooting, and effective communication with cross-functional teams.

PROJECTS

- **AMIT Learning SOC Diploma Final Project** *Oct 2023 – Nov 2023*
Malware Infection Incident Analysis and Mitigation (Grade: 100%) AMIT SOC Diploma
– Led a project focused on analyzing and mitigating a malware infection incident.
– Identified the infection source, assessed its impact, and executed an effective response plan, including isolation of affected systems, malware analysis, and post-incident security strengthening.
– **Tools and Skills:** Incident Handling, Malware Removal, Cybersecurity Best Practices.
- **University Financial System Threat Modeling and Security Testing** *Nov 2024 – Dec 2024*
Threat Modeling and Security Testing Project AAST
– Conducted threat modeling for a university's financial system, focusing on securing Kerberos-based authentication.
– Designed a Data Flow Diagram (DFD), identified 113 threats (85% mitigated), and validated an attack tree using MITRE ATT&CK.
– **Tools and Skills:** Threat Modeling and STRIDE Analysis, Microsoft Threat Modeling Tool (MTM), MITRE ATT&CK Framework, Attack Tree Construction.
– **GitHub Repository:** GitHub - SecurePortalModeling
- **System Performance Monitor Project with Bash and Docker** *Nov 2024 – Dec 2024*
Containerized System Monitoring Tool AAST
– Developed a containerized system monitoring script using Docker to provide dynamic and efficient performance insights.
– The tool monitors system metrics and displays real-time statistics, utilizing shell scripting and container orchestration techniques.
– Key Features: Supports generating reports in Markdown and HTML formats, compatible with modern GPU-based environments, and can be run locally or in a Docker container.
– **Tools and Skills:** Containerization with Docker, Bash Scripting, Version Control with Git and GitHub.
– **GitHub Repository:** GitHub - OS_Project_12th

COURSES, CERTIFICATIONS, AND DIPLOMAS

•AMIT Learning SOC Diploma	AMIT
•CCNA 200-301	AMIT & Self-study
•CCNA Network Security	AMIT
•Cisco CyberOps	AMIT
•MCSA (Active Directory Part)	Self-study
•Red Hat System Administration Level 1	Mahara Tech
•CompTIA Linux+ XK0-005	Cybrary
•(ISC) ² CC (Certified in Cybersecurity)	(ISC) ² Obrizum
•CompTIA Security+ SY0-601	Netriders Platform
•Junior Penetration Tester (eJPTv1)	Netriders Platform
•THM Complete Beginner Learning Path	TryHackMe
•THM Introduction to Cyber Security Learning Path	TryHackMe
•THM Pre Security Learning Path	TryHackMe

TECHNICAL SKILLS AND STRENGTHS

- SOC Knowledge** Very solid knowledge in Security Operations Center (SOC) and its daily routine tasks.
- Scripting and Automation** Basic scripting and automation in Python, Bash, and PowerShell for cybersecurity.
- Networks and Security** Advanced knowledge of networks and network security.
- Operating Systems** Highly proficient in Linux and Windows management (especially Linux).
- Penetration Testing** Basic penetration testing skills.
- Programming Languages** Good knowledge in C, C++, Java, OOP, and Data Structures & Algorithms (DSA).
- Web Programming** Basic knowledge in web programming (HTML, CSS, PHP, JavaScript, etc.).

SOFT SKILLS

- Proactive Learning** Proactive in learning and researching new technologies.
- Adaptability** Quickly adapts to new tools and methodologies.
- Stress Management** Effectively handles high-pressure situations.
- Self-Discipline** Self-disciplined and focused on achieving goals.
- Service-Focused** Service-focused with a strong commitment to delivering results.
- Communication** Good communication abilities, both written and verbal.
- Language Proficiency** Native Arabic speaker with professional working proficiency in English.

PROFESSIONAL ACCOMPLISHMENTS

- AMIT SOC Diploma Final Project** Completed with a perfect score of 100%.
- TryHackMe Ranking** Ranked in the top 5% worldwide on TryHackMe (THM).

BOOKS READ

- Bash Idioms** A book on advanced Bash scripting techniques and best practices.