

# Abdelwahab Ahmed Shandy

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## SUMMARY

**Abdelwahab Shandy** is an Information Systems student with a strong passion for cybersecurity and software development. Driven by curiosity, he continually explores how technology works beneath the surface from defending systems and analyzing threats to building secure and efficient backend solutions. He has gained hands-on experience through national and institutional training programs in Security Operations (SOC), Penetration Testing, and .NET Development, and holds professional certifications from **Google**, **Cisco**, **TryHackMe**, **Infosec**, **ITI**, **NTI**, **CyberTalents** and **WE INNOVATE**. Abdelwahab believes in continuous learning, knowledge sharing, and collaboration, and is always eager to connect with professionals, contribute to real-world projects, and grow within the global tech and cybersecurity community.

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## EDUCATION

- **BSc in Computer Systems and Information** (*In Progress*)  
MCI Academy — Aug 2022 – Jun 2026 (Expected)
  - **Jalal Fahmy German Technical Secondary School** (*Five-Year Program*)  
Graduated: 2022
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## Experience

### Penetration Testing Bootcamp

**CyberTalents** · Internship

Oct 2025 – Nov 2025 | Remote

Completed Phase 03 of the **ITI Universities Cybersecurity Training Program**, organized by **CyberTalents**.

Focused on developing offensive security skills through practical labs, CTF-style challenges, and real-world exploitation scenarios.

**Key Topics:** Penetration Testing, Information Gathering, Vulnerability Assessment, Web Application Security, Exploitation, and Post-Exploitation.

### SOC Engineering and Analysis Trainee

**WE INNOVATE** · Internship

Sep 2025 – Oct 2025 | Hybrid

Cybersecurity Boot Camp (in collaboration with WE, ITI, Zeroploit MEA, EG-CERT, NTRA, Xceed and NTRA):

**SOC Engineering** : SIEM deployment, configuration, log management, and automation(SOAR) .

**SOC Analysis** : Security monitoring, alert investigation, threat hunting, and incident triage.

**Incident Response** : Attack pattern analysis, data correlation, and reporting workflows.

**Threat Intelligence** : Real-world simulations, vulnerability management, and detection use cases.

### Windows Server Administration Intern

**National Telecommunication Institute (NTI)** · Internship

Aug 2025 – Sep 2025 | Remote

**120-hour Summer Training:**

**Soft Skills:** communication, teamwork, business writing, freelancing basics.

**Windows Server Administration:** AD DS, Group Policy, DHCP, DNS, NLB, Failover Clustering, Disaster Recovery.

### Networks Infrastructure Summer Bootcamp

**Information Technology Institute (ITI)** · Internship

Jun 2025 – Jul 2025 | Remote

## 120-hour Summer Training:

Completed Phase 02 of the **ITI Universities Cybersecurity Training Program**, organized by ITI.

**Prerequisite :** Completing the Cybersecurity For Beginners Certification from MaharaTech – ITIMoooca .

**Covered Topics :** Computer Networks & Cloud, Routing & Switching , Cybersecurity Basics, Ethical Hacking , and HCCDA – Tech Essentials (Huawei Cloud Self-Study Course).

## Programming Basics (Self-Study)

**Programming Advices** · Self-employed

Aug 2024 – Jul 2025 | Remote

**Stage 1 :** General programming, flowcharts, problem-solving techniques, C++ foundations

**Stage 2 :** Intermediate C++ algorithms, basic database concepts, SQL projects & practice

## Network Security Intern (Summer Training Team Leader)

**Information Technology Institute (ITI)** · Internship

Aug 2023 | Remote

### 120-hour Summer Training:

**Prerequisite:** Completed Some courses on MaharaTech - ITIMoooca platform

**Topics:** Computer Network Fundamentals, Advanced Networking (CCNA200-301), Cybersecurity Essentials, Intro to Ethical Hacking (CEH), Palo Alto Essentials (PCCET), FortiGate NSE4

## SOC (Security Operations Center) Intern

AMIT Learning · Internship

Jun 2023 – Sep 2023 | Nasser City, Cairo, Egypt

**Scored 100% on final assessment .**

**Courses & Workshops:** Cybersecurity Fundamentals, Cybersecurity Operations Assistant, Threat and Vulnerability Management, Security Operations and Monitoring, Threat Simulation, Introduction to Incident Response and Forensics, Introduction to Malware Analysis and Reverse Engineering, Introduction to QRadar and SOAR.

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## CERTIFICATIONS :

• HCCDA - Tech Essentials   Huawei ICT Academy-Egypt   <a href="#">link</a>	Jul 2025
• The Essentials of Digital Forensics   MaharaTech - ITIMoooca   <a href="#">link</a>	Jul 2025
• Cybersecurity Certificate for beginners   MaharaTech - ITIMoooca   <a href="#">link</a>	Feb 2024
• SOC Level 1   TryHackMe   <a href="#">link</a>	Oct 2023
• Pre Security   TryHackMe   <a href="#">link</a>	Sep 2023
• Junior Cybersecurity Analyst Career Path   Cisco   <a href="#">link</a>	Aug 2023
• Cybersecurity Professional Certificate   Google Career Certificates   <a href="#">link</a>	Jun 2023
• Information Technology Professional Certificate   Google Career Certificates   <a href="#">link</a>	Feb 2023
• Cybersecurity Foundations   Infosec   <a href="#">link</a>	Mar 2023
• Usable Security   University of Maryland   <a href="#">link</a>	Dec 2022

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## PROJECTS & TECHNICAL REPORTS

### Movie Market (Web Application)

May 2025 – Jul 2025 | ASP.NET Core MVC | [link](#)

- Full-featured cinema ticket booking platform with admin panel, pricing control, and user reviews
- Implemented 3-Tier Architecture (**Presentation, BLL, DAL**)

**Skills:** ASP.NET Core, C#, OOP, MVC, SOLID Principles, Microsoft SQL Server, ER-Diagrams, Bootstrap, HTML5, CSS3

### Arduino Calculator 4x4 Keypad LCD

May 2025 | University Project | [link](#)

- Built a simple calculator using Arduino Uno, 4x4 keypad, and I2C LCD

- Users can perform basic operations (+, -, \*, /) and view results on LCD

**Skills:** Arduino, Embedded Programming, Logic Design

## Database Design with ERD, EERD, Relational Schemas & SQL Implementation

Dec 2024 – Jan 2025 | [link](#)

- The project includes examples of how ERD and EERD designs are transformed into relational diagrams (relational diagrams) for students using SQL.

**Skills:** Microsoft SQL Server, ER-Diagrams, Relational Schema , SQL

## OOP Mini Projects

Nov 2024 – Feb 2025 | [link](#)

- A collection of mini projects built using basic OOP concepts in C# and C++, designed to apply OOP principles to a practical context.

**Skills:** C++, C#, Object-Oriented Programming

## Programming Challenges Multi Language

Jan 2024 – Jun 2025 | Curated collection of programming challenges solved in multiple languages | [link](#)

- **Skills:** Algorithms, C++, C#, OOP, Critical Thinking, Problem Solving

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## Technical Articles & Labs

- **SIEM & SOAR Home Lab (Build & Detection) | [Link](#)**
- **Collection of CTF challenges, hands-on and cybersecurity articles | [Link](#)**
- **Cybersecurity Articles | [Medium](#) , [Blog](#).**

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## SKILLS

❖ **Soft Skills:** Leadership, Public Speaking & Communication, Time Management & Analytical Thinking, Analytical Thinking, Computational Thinking & Problem Solving ,Touch Typing .

### ❖ Programming & Development:

- ✓ **Languages:** C++, C# , OOP
- ✓ **Database Design:** ERD, EERD, Relational Schemas, SQL Implementation
- ✓ ASP.NET Core , Entity Framework, LINQ
- ✓ Algorithms & Problem Solving , Flowchart Design
- ✓ **Version Control:** Git
- ✓ **Front-end basics:** HTML5, CSS3, Bootstrap

### ❖ Cybersecurity & Network:

- ✓ Network Fundamentals (CCNA level)
- ✓ Linux & Windows OS knowledge
- ✓ Bash Scripting
- ✓ **Digital Forensics:** Metadata Analysis, Disk Imaging, Browser Artifacts
- ✓ **Security Operations:** Intro Threat Hunting, Incident Response , Intro Malware Analysis
- ✓ **Penetration Testing:** Vulnerability Assessment, Web Security, Access Control Testing
- ✓ Cloud & Virtualization Concepts

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## LANGUAGES

ARABIC | ENGLISH