

[ Fady Mosa Noshy ]

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## **Summary**

A dedicated Computer and Information Sciences student with a strong foundation in Object-Oriented Programming (Java) and SQL. Passionate about web development and network engineering, currently seeking to leverage academic knowledge and technical skills through practical internships. Proven ability to build database systems and network applications.

## **Education**

Bachelor of Computer and Information Sciences |

[Arab Academy for Science, Technology and Maritime Transport]

Oct 2024

## **Experience**

Web Design Intern (Applicant) | NTI (National Telecommunication Institute)

Jan 2026 – Present

Applying for this position to gain hands-on experience in modern web design frameworks and responsive UI/UX principles.

Focusing on translating design wireframes into functional HTML/CSS code.

## **Projects**

Two-Way Chat Application (Java Socket Programming) | Dec 2025

Developed a client-server communication system using Java Sockets.

Implemented multi-threading to handle simultaneous data exchange between users.

Bank Database System (SQL) | Oct 2025 – Dec 2025

Designed a complete Entity-Relationship Diagram (ERD) for a banking system.

Developed the schema using SQL, including tables for customers, accounts, and employees with optimized queries.

Digital Safe Lock System (Digital Logic Design) | Dec 2025

Designed a circuit for a digital safe using logic gates and counters. Simulated the logic to ensure secure access and error handling.

## **Courses & Certifications**

Self-Learning: Web Development Suite | YouTube

HTML & CSS Full Course (e.g., Elzero Web School or similar)

Linear Algebra for Computer Science | Self-Study

Deep focus on Matrix Operations, Eigenvalues, and Vector Products.

Network Engineering Essentials | Self-Study

Covering Subnetting, TCP/IP, and Network Protocols.

I received a certificate of appreciation from the College of Computing and Information Technology (South Valley), Arab Academy for Science, Technology and Maritime Transport, for my academic excellence and progress during the second semester and the first semester of the 2024-2025 academic year.

## **Technical Skills**

Programming Languages: Java (Strong OOP knowledge), HTML, CSS.

Databases: SQL (Joins, Aggregates, Schema Design).

Networking: Subnetting, TCP/IP, Protocol Analysis.

Mathematics: Linear Algebra, Probability & Statistics (Distributions).

Tools: Digital Circuit Simulators.

## **Languages**

Arabic

English