

# Mario N. Kamel

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## EDUCATION

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### Modern Academy

Egypt, Cairo

B.S. in Computer Science

Expected Graduation, June 2028

- **Concentrations:** Software Engineering
- **GPA:** 3.45/4.00
- **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Combinatorics, Web Design, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

## EXPERIENCE

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### Digital Egypt Pioneers Initiative - DEPI

Egypt, Cairo

Software Developer Intern

Nov 2025 – Jun 2026

- Built responsive user interfaces using React.js and worked with backend technologies such as Node.js and Express
- Developed full-stack web applications and integrated frontend with RESTful APIs
- Used Git and GitHub for version control while applying clean code and design patterns
- Explored Docker containerization and deployment fundamentals

### WE-training and development sector

Egypt, Cairo

Back End Developer Intern

July 2025 – Sep 2025

- Built and maintained backend applications using ASP.NET Core with C#
- Developed and optimized RESTful APIs to enhance functionality for web-based solutions
- Utilized Entity Framework Core and LINQ to streamline data access and improve data handling efficiency

## PROJECTS

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### Learning Management System (LMS)

Egypt, Cairo

Team Lead

Aug 2025 – Sep 2025

- Developed backend services for a Learning Management System to manage courses, assignments, and student progress
- Designed and implemented **RESTful APIs** for course management and student tracking
- Built server-side logic using ASP.NET Core with C#
- Managed data access using **Entity Framework Core** and optimized database queries

### Tagom CRM

Egypt, Cairo

Team Lead

Sep 2025 – Oct 2025

- Built a modular CRM platform from scratch using .NET (C#) and Angular
- The system manages customers, products, suppliers, and sales with a clean and scalable architecture

## ACTIVITIES AND LEADERSHIP

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### Computer Science Student Activity

Egypt, Cairo

Member

Sep 2025 – Oct 2025

- Participated in programming workshops and technical events

### ICPC Programming Activity Member

Egypt, Cairo

Competitive Player

Sep 2024 – Current

- Practiced competitive programming and algorithmic problem solving

## SKILLS

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**Programming Languages:** Java, Python, JavaScript, SQL, C++, C#

**Frameworks & Technologies:** HTML, CSS, Node.js, React.js, ASP.NET Core, Bootstrap, Tailwind CSS, Spring Boot

**Tools:** Android Studio, AWS, Jupyter Notebook, Git, GitHub, Postman, Docker

**Concepts:** Data Structures, Algorithms, Object-Oriented Programming, REST APIs