Sara Kamal Abo Gharb

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Career Objective

Motivated and detail-oriented Computer Science student with a strong foundation in object-oriented programming, Java, and C++. Currently expanding skills in software testing through the Digital Egypt Pioneers Program and the Sprints x Microsoft Summer Camp. Eager to apply problem-solving and analytical skills in real-world software development and testing roles.

Education

Bachelor of Computer Science

Faculty of Computer Science and Information, Fayoum University

Fayoum, Egypt — 2024 – Present

Work Experience

Digital Egypt Pioneers Program – Software Testing Track (In Progress)

Ministry of Communications and Information Technology (MCIT)

July 2025 – Present Topics Covered:

- Testing Fundamentals & QA Principles
- Testing Throughout the Software Development Life Cycle (SDLC & STLC)
- Static Testing Techniques (Reviews, Inspections, Walkthroughs)
- Test Analysis & Test Design Techniques
- Managing Test Activities & Defect Reporting
- Hands-on Experience with Selenium & Postman
- Java Programming Fundamentals
- Introduction to Prompt Engineering for Testers

Sprints x Microsoft Summer Camp – Software Testing (In Progress)

Studied: Testing basics, SDLC vs STLC, static testing techniques, reviews, walkthroughs, and inspections

July 2025 – Present

Skills

Languages & Tools: Java, C++, HTML, CSS, OOP

Software Testing Concepts: Testing Fundamentals, SDLC & STLC, Static Testing, Test Design,

Soft Skills: Self-motivated, Strong communication, Curiosity, Critical thinking, Attention to detail, Self-learning, Problem-solving

Languages: Arabic (Native), English (Intermediate – B1)

Projects

Connect 4 Game – C++

Developed a console-based Connect 4 game applying object-oriented programming principles. Implemented game logic, win conditions, and user-friendly input/output handling using standard C++ libraries.

Tic Tac Toe (XO) Game – C++

Created a 2-player Tic Tac Toe game in C++ using basic logic and control structures. Focused on clean code and user interaction in a simple terminal interface.