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 — 2023 – 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

Java Swing Calculator | GitHub

☐ Developed a fully functional calculator using **Java Swing** for the graphical user interface (GUI).
☐ Implemented arithmetic operations (addition, subtraction, multiplication, division) with proper event handling.
☐ Designed a clean and user-friendly interface using **Java Swing components (JFrame, JButton, JTextField)**.

- Applied **Object-Oriented Programming (OOP)** principles and structured exception handling.
- Version-controlled using **Git and GitHub** for collaboration and project management.

DemoBlaze Website Testing | [GitHub](#)

- **Performed manual functional testing on the DemoBlaze e-commerce website.**
- **Designed and executed test cases for core features (login, signup, product selection, add to cart, purchase flow).**
- **Applied Boundary Value Analysis (BVA) and Equivalence Partitioning (EP) techniques.**
- **Logged and tracked bugs using JIRA.**
- **Prepared a test report summarizing test results, defects, and recommendations.**