Salma Mehrez

Computer Science Trainee

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EDUCATION

Informatics & Computer Science, *The British University in Egypt* 2022 – 2026
Grade: A+ | GPA: 3.9/4.0

PROFESSIONAL EXPERIENCE

AITB, *Front-End Developer Trainee* ⌞ Jul 2023 – Aug 2023
- Developed five front-end projects using Angular Framework and Bootstrap, demonstrating proficiency in HTML, CSS, and JavaScript.
- Applied responsive design principles to create user-friendly and visually appealing web interfaces.
- Enhanced coding efficiency and teamwork through hands-on collaborative project work.

IGCSE Informatics & Computer Technology Assistant Oct 2019 – Nov 2021
- Explained ICT concepts using Microsoft Office tools (Access, SharePoint, Excel, Word) to streamline teaching.
- Delivered supplemental learning materials, such as step-by-step guides and practice exercises.
- Ensured smooth operations during ICT exams and practical sessions by providing technical support.
- Organized school events and parties, contributing to successful execution.

PROJECTS

West El-Balad, *C#, Unity* Dec 2024
Developed a 2D game featuring dynamic mechanics, interactive gameplay elements, and visually engaging environments.

KARTS, *Java, GUI development, UML diagrams* May 2024
Directed the development of a Supermarket Sales System, optimizing shopping, order management, stock control, and secure payment integration.

Simon Says, *C, Arduino* May 2024
Created an interactive game with flashing button sequences, incorporating dynamic input validation, LED controls, and engaging game logic.

U-Dictionary, *Figma* Dec 2023
Redesigned the U-Dictionary interface, enhancing UI/UX for improved user experience, and presented the new design and usability improvements.

Airport Database Management System, *MySQL, EERD* Dec 2023
Led the creation of an airport database, overseeing assets, terminals, passengers, baggage, flights, and staff. Implemented complex queries for tracking conditions, facilities, lost and found, and flight details.

STRAYO, *HTML, CSS, JavaScript* May 2023
Supervised the development of a Tourism Guide website, offering users options for traveling (with hotels and transportation) or outings (featuring Cairo's wonders, activities, and events).

Airline Booking Database, *Microsoft Access, SQL* Dec 2022
Directed the development of an Airline Booking Database, designing user interface forms, and generating reports and documentation.

COURSES

Programming with Python, *Sprints* ⌞ Feb 2025

Python for Data Science, AI & Development, *IBM* ⌞ Sep 2024

Fundamentals of Data Analysis, *Coursera* ⌞ Sep 2024

Artificial Intelligence Career Essentials, *ALX* ⌞ Aug 2024

Introduction to HTML, CSS, & JavaScript, *IBM* ⌞ Jul 2024

Generative AI: Prompt Engineering Basics, *IBM* ⌞ Jul 2024

Generative AI: Introduction and Applications, *IBM* ⌞ Jul 2024