

Osama Mohamed Ali

Email: osama-m-ali@outlook.com **GitHub:** Osama **LinkedIn:** Osama

Location: Cairo, Egypt **Mobile:** 01140839739

Education

Faculty of Computers and Artificial Intelligence Cairo University

Professional Experience

Cashier & Administrative Assistant (Housewares Store)

2020 – 2021

- Managed point-of-sale transactions, ensuring accurate cash handling and customer satisfaction.
- Assisted with administrative tasks, including inventory management, staff scheduling, and record-keeping.
- Supported store operations, contributing to a well-organized and efficient retail environment.

Sales Representative (Housewares Store)

2019 – 2020

- Assisted customers in selecting and purchasing household products, providing excellent service to meet sales targets.
- Developed product knowledge and addressed customer needs effectively.
- Handled stock replenishment and store display arrangement.

Skills

Soft Skills

- Effective Communication
- Strong Problem-Solving Skills
- Teamwork
- Time Management

Technical Skills

- **Programming Languages:** C++ (Basics, OOP, Data Structures), Python (Basics, Pandas), Java (OOP)
- **Web Development:** HTML, CSS, JavaScript, Django (Framework)
- **Version Control:** Git, GitHub
- **Database Management:** SQL
- **Data Analysis:** Excel, Power Query, Power BI, Data Cleaning, Data visualization

- **Tools:** Power BI, Excel

Projects

BMP Image Editor

- **Description:** Created a BMP image editor with the ability to perform operations like resizing, cropping, and colour adjustments on BMP format images.
- **Responsibilities:** Developed the core image processing functionalities, optimized file handling, and ensured compatibility with the BMP format. Implemented a user-friendly interface for performing image transformations.
- **Technologies Used:** C++, BMP File Handling, Image Processing Algorithms.
- **Note:** I worked on this project as a team with my friends, with the help of the programming doctor in the

Banking System (C++)

- **Description:** Built a banking system that allows users to manage bank accounts, process transactions, and generate account statements.
- **Responsibilities:** Designed the system's architecture, created customer and account classes, and implemented features for account creation, deposits, withdrawals, and balance inquiries. Added functionality for printing account numbers upon account creation.
- **Technologies Used:** C++, Object-Oriented Programming (OOP), File I/O.

Global Online Sales

- **Description:** Analysed and visualized online sales data globally, identifying trends and key performance indicators to enhance decision-making.
- **Responsibilities:** Performed data cleaning and analysis on sales data, created dashboards for business insights, and developed visualizations to display sales patterns.
- **Technologies Used:** Excel, Python, Pandas, Data Analysis, Visualization.

Airline Company Analysis

- **Description:** Conducted an analysis of an airline company's data to uncover patterns related to customer satisfaction, flight delays, and operational efficiency.
- **Responsibilities:** Performed data cleaning, explored key metrics such as customer feedback and flight punctuality, and created visualizations to identify trends. Generated insights to help improve the company's service and operational strategies.
- **Technologies Used:** Power Bi, Python, Pandas, Data Analysis, Visualization.

Languages

Arabic (Native)

English (Intermediate)