

MUSTAFA AYMAN

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Education

Menofia National University

Sep. 2022 – July 2026

Bachelor of Computer Science in IOT - Bigdata analysis

Menofia, Egypt

Relevant Coursework

- Data Structures
- Software Engineering
- Algorithms Analysis
- Database Management
- Artificial Intelligence
- Mobile programming
- clean coding and design patterns implementation
- Computer Architecture

Experience

Maxed Media Company

Feb 2023 – Present

co-founder and head of the marketing department

Elmahala Elkubra, Egypt

- a co-founder of a successful digital marketing company and an experienced graphic designer. With a passion for creativity and a keen eye for detail.
- I have helped numerous clients enhance their brand presence and achieve their marketing goals.
- My expertise lies in crafting visually compelling designs and developing strategic marketing campaigns that drive engagement and growth.

MNU Pythoneers

May 2019 – August 2019

head of coding challenges management

Menofia, Egypt

- Developed and Curated Problem Sets: Created diverse and engaging problem sets that tested a wide range of programming skills, including algorithms, data structures, and real-world problem-solving.
- Managed Event Logistics and Technical Setup: Oversaw all logistical aspects of the events, including venue booking, participant registration, and the setup of coding platforms and tools.

Projects

BIG Data Analysis and Processing Project | Python, Data bricks

April 2024

- Conducted a comprehensive big data project involving dataset selection, ETL, data cleaning, and EDA.
- Implemented parallel processing with Apache Spark and monitored jobs using Databricks.
- Created visualizations to present insights and applied design patterns for maintainability.
- Utilized HDFS for data storage and tracked job performance and failures.

Database Project | Java,Python,oracle SQL

May 2024

- Conducted a database project involving normalization (1NF, 2NF, 3NF) and ERD creation.
- Created tables in Oracle with primary key-foreign key relationships and necessary constraints.
- Applied sequences and populated tables with sample data., Developed a GUI application in Java/Python for form and report generation.

Technical Skills

Languages: Python, Java, SQL

Developer Tools: VS Code, Anaconda, Colab, Android Studio

Technologies/Frameworks: Linux, GitHub,oracle SQL server

Leadership / Extracurricular

Leadership Development Institute

Spring 2022 – summer 2022

University representative

Menofia National University

- I was chosen from the entire university with a group of 10 other high-achieving students to represent our university on the national level.