

Aya Mahmoud Metwally

Quwaysina, Al Menofia, Egypt (Easley Relocate)

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Personal Profile

A Power Business Intelligence developer with the experience in helping the business to achieve its goals and objectives through impressive data collection and correlation. Looking to use my education and expertise to help the organization to continue to grow and develop through a Power BI developer position.

Education

Sept. 2018 - May 2022 | Faculty of Computers And Artificial Intelligence, Benha University

Bachelor of Computers and Informatics

- **Specialization:** Medical Informatics
- **GPA:**3.575/4

Internship

- Nov. 2022 - Feb. 2023 | 3-Month Diploma, Information Technology Institute (ITI), Ministry of Communications and Information Technology (MCIT), Menofia Branch, Power BI Developer
- Oct. 2021 - Nov. 2021 | Nanodegree Program, Egypt Future Work is Digital Initiative (egFWD), Ministry of Communications and Information Technology (MCIT), Udacity, Advanced Data Analysis

Projects

- Jan. 2022 - Feb. 2023 | Online Examination System *ITI*
 - An automated examination system to perform online exams by ITI instructors and students through a website application, starting from making the ERD according to the business case then making the database then analyzing the existing data, and creating dashboards and reports that have clear insights
 - Create the database by using the wizard tool for making the tables with specifying the properties according to our business cases scenario, we made the diagram on SQL server management studio
- Sept 2021 - April 2022 | Identifying and Controlling Hand Gestures on 3D Prosthetic Hand *Benha University*
 - Designed a Low-Cost 3D prosthetic hand using FDM 3D printing technology
 - Data set is gathered from our team by using muscle sensor
 - Designed a new deep learning approach to control prosthetic hand
 - Reduced response time between EMG signal and prosthetic motion

Skills

- **Technical Skills**
 - **Programming** Python (Pandas, NumPy, Pandas, Scikit-learn. etc.), SQL, PHP, C/C++, HTML/CSS, JavaScript
 - **Visualization** Creating dashboards and interactive visuals, SQL BI, Power BI, Excel, Tableau, SSAS, SSIS
 - **Miscellaneous** ETL, Microsoft Office, LinkedIn, Git and GitHub
 - **Courses** Python Programming, DB Fundamentals, SQL Server, Data Warehouse, Big Data, Statistics
- **Personal Skills**
 - Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation
- **Languages**
 - **English** B2 (Very Good)
 - **Arabic** Native proficiency

Extracurricular Activities

- 2019 - 2022 | IEEE BUB, Media Member
- 2019 - 2021 | Inception, Volunteer