

ABDELMONEM ALI ELMONGY

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

Address: Cairo, Egypt | Military Status: Final exemption

Profile

A Computer engineer with experience in Data Analytics & Business intelligence, who recently graduated from the Power BI program (ITI). Coming with strong technical skills in SQL, Python, Power BI, Excel. Looking for a challenging position as Data Analyst and Business Intelligence, where I can contribute my skills for the company's success

Work Experience

- **Upwork** – Freelance Data Analyst. Nov 2021-Present
Create EDA, Statistical Data Analysis, Data Visualization/Analytics, Data Cleaning in Python, Outliers Detection, Correlation Between Variables, Machine Learning model/Regression/Classification.

Education

- **Bachelor Degree in Computer Engineering**, Misr Higher Institute for Engineering and Technology July, 2022
 - **Graduation Project:** Automated Intelligent Security System based on AI and IOT
Using AI to Detect face emotional, face masking, face recognition by OpenCV and Machine Learning

Scholarships

- **Power BI Program** - Information Technology Institute (ITI) - Intensive Code Camp. Oct, 2023
- **AWS re/Start Program** - Information Technology Institute (ITI) - Intensive Code Camp. June, 2023
- **Data Analysis Nanodegree Program** – Udacity - ALX-Africa Scholarship Feb, 2023
- **Data Analysis Nanodegree Program** – Udacity - egFWD Scholarship Dec, 2022

Skills

- **Programming languages:** Strong Python, C/C++, SQL, JavaScript some knowledge of (C#, MATLAB).
- **Concepts:** Problem Solving, Machine learning, Cloud Computing, AWS Service, Database, Data wrangling, Data Cleaning, Data Visualization, Exploratory Data Analysis.
- **Technologies:** NumPy, Pandas, Matplotlib, sci-kit learn, OpenCV, Power BI, Tableau, Excel, Linux, Control Version, Git/GitHub, SSIS, SSAS, SSRS, SQL SERVER.

Projects

- **Bikeshare-Udacity** Aug, 2021
Explore data related to bike share systems for three major cities in the United States—Chicago, New York City, and Washington by computing a variety of descriptive statistics.
- **No-show-appointment-Kaggle-Udacity** Sep, 2021
Predict if a patient will show up for their scheduled appointment depend on factors
- **AI Personal Trainer** Dec, 2021
Develop AI Trainer program using OpenCV and Python. We used pose estimation to find the correct points, and place them in a live video of the user's body.
- **Melbourne-house** Dec 2021
Predict the house price depend on Type of Real estate, Suburb, Method of Selling, Rooms, Price, Real Estate Agent, Date of Sale, and distance from C.B.D. representing an important part of the local commercial real estate market.

Courses - Certificates

- **Coursera, Python 3 Programming** June, 2020
- **Coursera, Coding for every C and C++** Sep, 2021

Achievements - Contests

- **ECPC** – Contestant/ Co-coach. Nov 2020/ Aug 2021/ Aug 2022
Contestant/Co-coach in ECPC Egyptian Collegiate Programming Contest Honorable Mention from ICPC 2020/2022.
- **NASA Space Apps** – Participated in 7th edition Space Apps. Oct 2021
Created analysis for given data set for space shuttles and Satellites from the 1960s to nowadays to predict their path around the earth.
- **EBDAA FESTIVAL** – **AWARDED 3rd place** in the 10th edition of the EBDAA Festival. Jun 2022
- **ISEIC** – Participated in International Scientific and Engineering Innovation Competition. Mar 2022
- **ITC-Egypt'2022** – The International Telecommunications Conference Jul 2022

Created AI-Personal-Trainer using python and libraries such as NumPy, OpenCV, and MEDIAPIPE.

Languages

- Arabic: Native
- English: Intermediate