Ahmed Labib

Data Analyst

Contact

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Objective

Second-year Computer Science student Specialized in Data Analysis , Machine Learning. Skilled in Python, C++, and Java, with hands-on experience in +10 projects focused on data analysis, database efficiency, and real-world problem-solving. Proficient in key Python libraries like Scikit-Learn, Pandas and NumPy, with a competitive programming background that sharpens analytical and coding abilities. Eager to leverage technical expertise and working on Data Analysis projects. Aspiring to be an Expert AI Engineer and complete my Academic studies abroad At MIT University.

Education

Bachelor of Science in Computer and Information Sciences.   **October 2023 – Exp. 2027**

Ain Shams University

GPA: 3.43/4

Specialization Courses:

Probability and Statistics	Statistical Analysis
Structured Programming	OOP
Calculus1&2	Database Management Systems
Data Structures	Linear Algebra
Artificial Intelligence	

Experience

Math Teacher   *Jan 2025 – Apr 2025*

- Taught mathematics to primary students from 4th grade to 1st preparatory level.
- Helped students grasp foundational topics such as long division, fractions, and other core math concepts through simplified explanations and engaging methods.

Training

Depi Data Analyst Training   **November 2024 – May 2025**

- Cleaned and processed real-world datasets using Python (Pandas) and SQL to ensure data accuracy and reliability

- Created insightful visualizations using Matplotlib, Seaborn, and Plotly to support data-driven decision-making.

- Developed comprehensive analytical dashboards and reports using Tableau and Power BI.

- Delivered a high-impact project on **Egypt Climate Change**, selected as the **Top Achievement Team** out of over 300 competing projects.

ACM ICPC FCIS Community member.   **November 2024 – Exp. April 2025**

- Developed problem-solving skills with a focus on STLs, binary search, number theory, and time complexity optimization. Currently working on advanced topics like graph algorithms.
  - Competed in some contests. (**Codeforces Profile**)

ApplAI Summer Training   **August 2024 —September 2024**

- Trained in Machine Learning, gaining hands-on experience with various models and data preprocessing techniques. Developed a strong understanding of the fundamentals of ML to solve real-world problems (**LINK**)

Projects

Egypt Climate & Sustainability
Data Analysis Project
- Analyzed NASA-provided climate data for Egypt to extract key insights on temperature, rainfall, wind, solar radiation, and soil conditions.

- Developed an interactive, user-friendly website using Streamlit, featuring 5 dynamic dashboards and visual heat maps to support sustainable decision-making.**(LINK**)

Netflix Dashboard
Data Analysis Project
- Processed and cleaned Netflix dataset using Pandas, handling null values and formatting inconsistencies to ensure data quality.
- Designed an interactive Tableau dashboard to visualize key insights and enhance user understanding through clear, actionable narratives.**(LINK**)

E-commerce Dashboard
Excel Data Analysis Project
- Built a comprehensive **Excel dashboard** to analyze e-commerce performance, focusing on key metrics like delivery time and operational efficiency.
- Derived actionable insights to identify improvement areas and support data-driven decision-making.

Bookstore Management System – Database Design
Database Project
- Designed the **ERD model** and mapped it into a relational schema for a comprehensive Bookstore Management System.
- Implemented the database using **Oracle DBMS**, ensuring normalization and efficient data structure. (**LINK**)

Dental Clinic Management System
Java OOP Project
- Developed a terminal-based application using **Object-Oriented Programming (OOP)** principles with over 9 structured classes.
- Integrated a custom **file management system** for data storage and retrieval; achieved a **100% project score**. (**LINK**)

Stroke Prediction Model
Machine Learning Project
- Developed a **Logistic Regression model** to predict stroke risk based on medical and demographic data, achieving **87.5% accuracy**.
- Deployed the model through an interactive interface for practical usage and testing. (**LINK**)

Skills

Hard Skills
- **Programming Languages:**
  - C++, Python, Java
- **Libraries & Frameworks:**
  - Pandas, NumPy, Matplotlib, Seaborn, Plotly, Folium and Scikit-learn
- **Tools & Platforms:**
  - Git (Version Control), SQL, Excel, Jupyter Notebooks, Power BI and Tableau

Soft Skills
  - Teaching, Leadership, Communication Skills, Analytical Skills, Teamwork

Awards & Achievements

- **Ranked in the top 0.17% in Egypt's Thanawya Amma (GCSE) Mathematical Section.**   **(2023)**
- **Top Achievement Project out of 300 Project on Digital Egypt Pioneers Initiative**   **(2025)**