Ahmed Labib

Data Scientist

Contact

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Objective

Second-year Computer Science student with a strong foundation in Data Science, Machine Learning, and algorithm optimization. Skilled in Python, C++, and Java, with hands-on experience in +5 projects focused on data analysis, database efficiency, and real-world problem-solving. Proficient in key Python libraries like Pandas and NumPy, with a competitive programming background that sharpens analytical and coding abilities. Eager to leverage technical expertise and innovative thinking to contribute to impactful Data Science projects. Aspiring to pursue advanced studies abroad to further expand knowledge and drive meaningful advancements in the field.

Education

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

    Ain Shams University

GPA: 3.5/4

Specialization Courses:

Probability and Statistics	Statistical Analysis
Structured Programming	OOP
Calculus1&2	Database Management Systems

Experience

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 dynamic programming (DP) and graph algorithms.
  - Competed in some contests. (**Codeforces Profile**)

Depi Data Analyst Training   **November 2024 – Exp. April 2025**

- Developing skills in data cleaning, visualization (Tableau, Power BI), SQL, Python, and predictive modeling through hands-on projects.

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**)

Skills

Hard Skills

Programming Languages:
- C++, Python, Java

Libraries & Frameworks:
- Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, SFML (Simple and Fast Multimedia Library)

Tools & Platforms:
- Git (Version Control), SQL, Excel, Jupyter Notebooks

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

Projects

- **Dental Clinic Management System** – A terminal-based Java project implementing **Object-Oriented Programming (OOP) principles**. The system is structured with **+9 classes** and features a **file management system** for data storage and retrieval achieving 100% score (**LINK**)

- **Stroke Prediction model Developed** a Logistic machine learning model that predicted if this person would get stroke or not and created a deployment for it with accuracy 87.5% (**LINK**)

- **Siltara.** Contributed to a team project developing an **RPG** game with a functional GUI, utilizing **C++** and **SFML**. Managed **+54 files** and **12k+ lines** of code, applying core programming concepts as part of the Structured Programming with C++ course (**LINK**)

Awards & Scholarships

- **Ranked in the top 0.17% in Egypt's Thanawya Amma (GCSE) Mathematical Section.** **(2023)**