Ahmed Labib

Data Scientist

Contact

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Objective

A second-year Computer Science student with a strong passion for Data Science and real-world systems, have contributed to over five projects using C++, Python, and Java. I am seeking opportunities to apply my skills in Data Science and pursue further academic studies abroad in this 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

Projects

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

- **Siltara.** I contributed to a team project where we developed an RPG game and implemented its GUI, utilizing C++ basic concepts and SFML throughout the project as part of the 'Structured Programming with C++' course (**LINK**)

Courses /Training /Certifications

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.

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**)

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

Data Analysis & Visualization:
- Jupyter Notebooks

Soft Skills
- **Communication Skills**
- **Analytical Skills**
- **Teamwork**
- **Leadership**

Awards & Scholarships

2023   Ranked $1,234^{th}$ amongst 740,000+ students on Egypt's Thanawya Amma (GCSE) Mathematical Section.