Nariman Emam
Data Scientist

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SUMMARY

As a final-year Computer Science and Engineering student, my focus is on Data Science and AI. I have gained experience in data analysis, machine learning, and working with diverse datasets to extract meaningful insights. As I approach graduation, I'm looking forward to opportunities where I can apply my skills and keep learning.

EDUCATION

- **Faculty of Electronic Engineering Menoufia University**   **September 2020 -July 2025**
- **MAJOR:** Computer Science and Engineering

PROJECTS

Weather Temperature Prediction App | Python, Machine Learning, Streamlit   **October 2024**
- Developed a Machine Learning model to predict temperature using data from the Visual Crossing API.
- Implemented and tested several models, including Linear Regression, K-Nearest Neighbors (KNN), Support Vector Regression (SVR), Decision Tree, and Random Forest.
- The Random Forest model provided the most accurate predictions.
- Built an interactive application using Streamlit to allow users to input weather data and get real-time temperature predictions.

INTERNSHIP

Programming Fundamentals Diploma   **June 2022 - September 2022**
- Route Academy

IBM Data Science   **June 2024 - October 2024**
- Egypt Digital Pioneers Initiative

TECHNICAL SKILLS

- **Programming Languages:** C++, Python, Java   - **Version Control :** Git/GitHub
- **Database Management:** MySQL, SQL Server   - **Data Analysis:** Pandas, NumPy
- **Developer Tools:** VS Code, Jupyter Notebook , Microsoft Office
- **Machine Learning**

SOFT SKILLS

- Problem Solving   - Communication both verbal and written   - Organization and time management
- Teamwork and leadership

VOLUNTEER ACTIVITIES

- **ICPC Participant**   **Aug 2021**
  Competed in the International Collegiate Programming Contest (ICPC),
  demonstrating strong problem-solving skills and proficiency in C++.
- **Volunteer at Life Makers Foundation (IT Manager)**   **May 2021-July 2024**
  Managed IT tasks and Contributed to various community service projects and initiatives.
- **Volunteer at Control Scientific Exhibition (OC Member)**   **May 2022-September 2023**
  Participated in organizing and managing the scientific exhibition at college as a member of the Organizing Committee

LANGUAGES

- Arabic
- English