Nour-Eldeen Anwar Mohamed

Alexandria, Egypt | +20 102 4468369 | nourel1515@gmail.com
LinkedIn: https://www.linkedin.com/in/nour-eldeen-anwar-125743233/
GitHub: https://github.com/Nouranwar

Career Objective

Aspiring Data Scientist with a good foundation in Python, Machine Learning (ML), and Deep Learning (DL).Passionate about leveraging data-driven insights and AI technologies to solve real-world problems. Eager to contribute to innovative teams while expanding technical and analytical skills.

Education

- **Bachelor of Data Science** – Alexandria University. (**2021-2025**)

Professional Training and Certificates

AI Track – Samsung Innovation Campus (Organized by Samsung Electronics, Egypt – 2025)

- Completed the AI track covering data analysis, machine learning, deep learning, data handling, and AI applications.

Data Analysis – My Communication (Jun 2023 – Aug 2023)

- Developed expertise in data analysis using Power BI, focusing on deriving insights and supporting data-driven decision-making.

Introduction to Security Systems – H-Logic Security Technology

Explored the fundamentals of security systems including surveillance, access control, and fire alarm technologies. This training contributed to domain understanding essential for AI applications in the security field.

Machine Learning Specialization by DeepLearning.A-Certificate

Google Data Analytics-Certificate

Data Analysis (egFWD)-Certificate

Projects

Muthmir – Smart Agriculture System(Graduation Project)

- Built a smart greenhouse using IoT, AI, ChatBot and a mobile app to monitor and control plant growth.
- **Tools**: YOLO, PyTorch, Kaggle, Roboflow, Power BI, Azure, Gemini 2.0 flash

Real-Time Violence Detection

- Developed a deep learning system for real-time violence detection using a hybrid MobileNetV2 and LSTM model.

Superstore Sales Analysis

- Analyzed the "Superstore Sales" dataset to derive insights for strategic decisions, using EDA, data preprocessing, and regression models (KNN, Random Forest, XGBoost,AdaBoost).

Consumer Behavior Analysis for Smart Wellness Devices at Bellabeat

- Analyzed using R, conducting EDA and visualizations to uncover user behavior patterns, providing insights to enhance marketing strategies and user engagement.

Technical Skills

- **Data Preparation & Analysis:** EDA and Data preprocessing.
- **Machine Learning & Deep Learning:** Supervised learning, Unsupervised learning, Image preprocessing and Computer Vision.
- **Mathematical Skills:** Probability and Statistics, Linear Algebra,and Optimization.

Familiar: R (Programming Language) ,Java,OOP, Microsoft Power BI, SQL and Database Management.

Awards and Competitions:

- 5th Place – 7th Olympiad of Computers & Information,Damanhour University – "The Role of AI in Supporting Government Institutions"-2025
- 3rd Place Winner at "Port Said Engineering Day 2025" for the Muthmir smart agriculture project.
- Secured 3'rd place in graduation project competition organized by IEEE Mansoura.
- First Place – 12th Student Conference for Research & Innovation, Faculty of Science, Alexandria University

Languages:

- Arabic (Native)   • English (Intermediate Level)