Nour El-Rouby

Email: nour.developer1@gmail.com | Phone: +20 1100148852 | Egypt

LinkedIn: https://www.linkedin.com/in/nour-elrouby

SUMMARY

Third-year Artificial Intelligence and Data Science student with a strong passion for AI and Machine Learning, complemented by hands-on experience in data analysis and problem-solving. Proficient in data preprocessing, statistical analysis, and building machine learning models using Python and Scikit-learn. Skilled in creating insightful visualizations with Power BI and Tableau. Eager to leverage analytical and technical expertise to design intelligent, data-driven solutions that address real-world challenges.

EDUCATION

Beni-Suef National University – Faculty of Computers and Artificial Intelligence

Bachelor of Computer Science, Major in Artificial Intelligence & Data Science
Oct 2023 – May 2027

SKILLS

- Programming Languages: Python (NumPy, Pandas, Scikit-learn), Java, C++
- Database Management: SQL Server, MySQL, Oracle SQL
- Data Analysis & Processing: Excel, Pandas, NumPy
- Data Visualization: Power BI, Matplotlib, Tableau
- Soft Skills: Team Leadership, Research Skills, Communication Skills
- Languages: Arabic (Native), English (Full Professional)

CERTIFICATIONS

AI & Machine Learning:

- Introduction to Artificial Intelligence – LinkedIn (Jul 2025)
- AI Knowledge Badge – SAS (Jul 2025)
- Career Essentials in Generative AI – Microsoft & LinkedIn (Aug 2025)
- Generative AI Using SAS – SAS (Aug 2025)
- Generative AI: Working with Large Language Models – LinkedIn (Aug 2025)
- Microsoft Azure AI Essentials Professional Certificate – Microsoft & LinkedIn (Jul 2025)

Data Analytics & Visualization:

- Introduction to Data Science – Cisco Networking Academy (Jan 2025)
- Summer Training in Advanced Data Analytics – NTI (July 2025)
- Google Analytics Certification – Google (Aug 2025, Expires Aug 2026)

EXPERIENCE

Trainee – Artificial Intelligence

Information Technology Institute (ITI), Egypt | July 2025 – Aug 2025

- Learned and applied core AI concepts, including machine learning algorithms and neural networks.
- Developed and tested small-scale AI models using Python and Scikit-learn.
- Participated in collaborative projects simulating real-world AI problem-solving scenarios.

Trainee – Advanced Data Analyst

National Telecommunication Institute (NTI), Egypt | June 2025 – July 2025

- Gained hands-on experience in advanced data analytics techniques, including data cleaning, preprocessing, and EDA.
- Applied Python libraries (Pandas, NumPy, Matplotlib) for data manipulation and visualization.
- Worked on real datasets to identify patterns, trends, and actionable insights for decision-making.

PROJECTS

- IMDB Top 250 Movies Analysis – Data scraping, cleaning, and analysis using Python (Pandas, NumPy); visualizations with Matplotlib, Power BI and Seaborn.
- Fitbit Health Data Analysis – Statistical analysis and visualization of wearable device data using Python, Power BI, and Matplotlib.
- Amazon Web Scraping – Python scraper using BeautifulSoup and Requests to extract and analyze product data, stored in MySQL.
- Sales Analysis Dashboard – Designed interactive Power BI dashboard to visualize sales performance and revenue trends.