

Amr Khaled Salah

• Obour, Egypt ☎ 01111300711 ✉ Amrk6724@gmail.com 🔗 [LinkedIn Profile](#)

Professional Summary

Results-driven Data Science professional with a strong foundation in machine learning, statistical analysis, and data visualization. Experienced in tutoring IGCSE subjects, AI research, and IT support. Proficient in Python, SQL, C++, and Flutter, with hands-on experience in GIS analysis using QGIS and ArcGIS Pro. Passionate about leveraging data-driven insights to solve real-world problems and eager to contribute innovative solutions in data science and analytics.

Skills

Programming & Development

- Python
- C++
- Dart
- SQL
- HTML
- CSS

Data Science & Analytics

- Machine Learning (Supervised & Unsupervised Learning, Deep Learning)
- Data Cleaning, Feature Engineering, Model Optimization
- Statistical Analysis, Hypothesis Testing

Data Visualization & GIS

- Tableau, Power BI, Matplotlib, Seaborn
- Geographic Information Systems (GIS): ArcGIS Pro, QGIS

Database Management & Big Data

- SQL, MySQL, PostgreSQL, Pandas, NumPy
- Data Pipeline Optimization

Software & Tools

- Jupyter Notebook
- Google Colab
- Git, Docker
- Kubernetes
- TensorFlow

- PyTorch

Soft Skills

- Problem-Solving
- Communication
- Analytical Thinking
- Adaptability

Professional Experience

Math & Physics Tutor - 2021 – Present | Obour, Egypt

- Designed interactive lessons that increased student engagement and comprehension.
- Helped students achieve a 100% improvement in exam performance, with many securing A+ grades.
- Assisted IGCSE students in mastering complex mathematical and physics concepts.

Huawei – AI Internship - 07/2023 – 09/2023 | Obour, Egypt

- Developed and optimized machine learning models for predictive analytics.
- Conducted exploratory data analysis (EDA) to identify key insights from datasets.
- Gained experience in feature engineering, hyperparameter tuning, and model evaluation.

IT Assistant -01/2022 – 09/2022 | Obour, Egypt

- Provided technical support for hardware, software, and network troubleshooting.
- Assisted in managing IT infrastructure and system updates.
- Improved operational efficiency by automating tasks.

Education

Computer and artificial intelligence in Data science
Cairo university

Year of Graduation:1/1/2026

Languages

- English - fluent
- Arabic - Native

Courses

- **Alx data science Diploma**
01/2025- present
- **Dotpy Ai and Data Science diploma**
10/2024-05/2025
- **Alx Professional Foundations**
01/2025-04/2025
- **Deep Learning Specialization**
09/2023 – 02/2025
- **Machine Learning Specialization**
09/2023 – 06/2024
- **IBM Data Science Professional Certificate**
01/2024 – 04/2024
- **The Complete 2022 Flutter & Dart Development**
01/2022 – 12/2022