

Aliaa Osama Hussein Alkady

Student

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PROFILE

I am a passionate Data Science student at Cairo University and a current ALX Data Science Program trainee. I am strongly interested in extracting data insights and applying them to real-world challenges, so I combine academic knowledge with practical experience. I previously worked as a Math Assistant for IGCSE students, strengthening my problem-solving and communication skills. My journey reflects resilience, continuous growth, and a commitment to making meaningful contributions through data.

EDUCATION

Faculty of computers & Artificial Intelligence

Cairo University

2022 – Current

Cairo

Data Science student at Cairo University with a solid academic record, ranked 20th out of 42 peers with a GPA of 3.03

National High School

2021 – 2022

Cairo

My academic journey has been characterized by resilience and dedication. Despite facing challenges, I graduated from National High School with an impressive 87% under considerable pressure

WORK EXPERIENCE

National Telecommunication Institute (NTI)

08/2025 – Present

Summer Internship (NLP Track)

Commercial International Bank (CIB)

07/2025 – 07/2025

Summer Internship “CIB Future Vest – The Green Leap”

- Completed a 3-week online program focused on sustainability, innovation, entrepreneurship, ethical AI, microfinance, diversity, and inclusion.
- Participated in workshops and sessions led by CIB experts and international partners (LinkedIn, SAS, Holberton School, etc.).
- Engaged in collaborative activities and competitions, applying learned concepts to real-world business challenges.

Mathematics Assistant – IGCSE OL Mathematics

07/2024 – 05/2025

Provided personalized support to numerous students, focusing on the IGCSE OL Mathematics curriculum. Helped students develop problem-solving strategies and build confidence in mathematical concepts. Contributed to significant improvements in students' performance, with many achieving excellent results in their exams.

TECHNICAL SKILLS

C++

Python Programing Language

SQL

Using Visual Studio

Using PyCharm community

Computer Skills

ArcGIS Pro

QGIS

Microsoft Office

Machine Learning

SOFT SKILLS

- Fast Learner
- Ability To work in Team
- Adaptability

LANGUAGES

Arabic

English

Native


COURSES

Responsible Innovation and Trustworthy AI 

07/2025 – 07/2025

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Completed as part of the CIB Summer Internship Program 2025. Gained a deep understanding of the ethical and responsible development of AI technologies. Focused on principles such as fairness, transparency, privacy, and accountability in AI systems. Developed insights into AI governance, societal impact assessments, and strategies to build trust in AI solutions.


Professional foundations 

01/2025 – 04/2025

Alx Affrica

Completed a 3-month intensive program focused on enhancing career readiness and soft skills. Developed core competencies including:

- Problem-solving approaches
- Effective presentation techniques
- Growth mindset and resilience (grit)

Programming for Everybody (Getting Started with Python) 

01/2023 – 02/2023

UNIVERSITY OF MICHIGAN

I have successfully completed a comprehensive Python course offered by the University of Michigan through an online platform. This course provided me with a solid foundation in Python programming, covering essential concepts and practical applications.

PORTFOLIO

Data science project 

04/2024 – 05/2024