



AHMED YASSER TAHA

Software Developer | Data Scientist

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SUMMARY

Data Scientist focused on Scientific Computing with strong Python, C/C++, and machine learning skills. Experienced in data analysis, creating algorithms, and data visualization. Skilled in competitive programming and transforming data into actionable insights.

WORK EXPERIENCE

Computer Science Instructor, Digital Egypt Cubs Initiative "DECI" | Part-time  12/2024 – Present
Cairo, Egypt
Worked as a Computer Science Instructor with YAT, almentor, and Udacity as part of the DECI.
Taught programming concepts to high-achieving students.

Coding AI Model Tester and Reviewer, Scale AI Inc. | Remotely Project-Based 07/2023 – 10/2023
San Francisco
Enhanced model performance by designing targeted test cases for AI models.

EDUCATION

Bachelor's in Computer Science and AI, Benha University 09/2021 – 07/2025
Benha, Egypt
Department: Scientific Computing (SC)
CGPA: 3.186
Graduation project: A+

ACTIVITIES & VOLUNTEERING

Data Science Instructor at AZ-SENCS 10/2024 – 04/2025

Core team member at GDSC Benha branch, Problem Solving  09/2023 – 07/2024

Junior trainee at ACPC Benha Club 01/2022 – 07/2022

COURSES

IBM Data Science, DEPI - Ministry of Communications and Information Technology 03/2024 – 12/2024

- Gained hands-on experience in data science methodologies and tools.

AICE Program, ALX 06/2024 – 07/2024

- Enhanced skills in artificial intelligence, prompt engineering, and cloud engineering.

PROJECTS

OvyCare, *(Graduation Project) AI-Driven Early Detection for Women's Health*

10/2024 – 06/2025

- AI-based system for early PCOS detection using clinical data, with 93% accuracy and 0.97 ROC-AUC; delivered insights through feature engineering and interactive reports to support early medical intervention.
- **Tools:** Python, Pandas, NumPy, Scikit-Learn, XGBoost, KNN, Matplotlib, Seaborn, Streamlit, Git, VS Code.
- **Achievement:** Delivered actionable insights on PCOS risk factors, supporting data-driven diagnosis.

Accident Auditor, *DEPI Graduation*

09/2024 – 10/2024

Built a machine learning model for accident data classification and regression.

SKILLS

Languages – Arabic (Native) | English (B2)

Soft skills – Curiosity | Self-study | Time management | Critical thinking | Adaptability | Collaboration

Technical skills – Programming languages: Python, C/C++ | Competitive programming and problem-solving with data structures and algorithms | Databases: MySQL | Web development: HTML, CSS, WordPress | Prompt Engineering

Data Science – Data analysis | Data Visualization Tools: Matplotlib and Seaborn. | Machine Learning Techniques: Classification, Regression, CNN. | Data Science Tools: Pandas, NumPy, TensorFlow, Keras, Scikit-learn.

CERTIFICATES


3rd place at the 4th PGASC. 
2025


DEPI Business English (SYE).

2024

ECPC 2023 participation. 
2023

Egypt-EFE Career Direction. 
2021

Job Application Essentials from SkillsBuild. 
2025

AICE. 
2024

The web development challenger track FWDeg. 
2023

DEPI IBM Data Scientist. 
2024

Git & GitHub. 
2023

ECPC 2022 participation. 
2022