Ziad Ahmed Samir

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LinkedIn: Ziad Ahmed - AI engineer | ML engineer | Data scientist | LinkedIn

GitHub: https://github.com/ziad-ahemd

Professional Profile (Career objective)

Data Scientist with strong expertise in developing and deploying machine learning models into real-world applications. Skilled in translating complex data into clear, actionable insights that support strategic decision-making. Seeking to leverage advanced AI knowledge and problem-solving abilities to deliver impactful, data-driven solutions and long-term value.

Professional Experience/internship

- DEPI (Digital Egypt Pioneers Initiative) intern, June - December 2025.
  - Gained hands-on experience across the full Machine Learning lifecycle, including data preprocessing, model building, and deployment
  - Trained on advanced AI domains: Deep Learning, NLP, and Computer Vision
  - Applied MLOps practices and cloud technologies (Azure) to ensure scalable and reliable AI solutions
  - Enhanced soft skills, communication, and freelancing skills to bridge technical expertise with business needs
  - Completed a capstone project demonstrating end-to-end AI solution design and deployment

Project:

1. **Machine Learning Life Cycle Simulator**

   - Designed and implemented a tool that simulates the full ML life cycle.

   - Allows users to input custom datasets and apply ML operations interactively.

2. **Image Processing GUI Toolkit**

   - Developed a digital image processing toolkit with graphical user interface.

   - Provided tools for enhancement, filtering, and analysis.

3. **Online Food Ordering System (Console App)**

   - Built using Object-Oriented Programming principles in C++.

   - Simulated real-world food ordering workflows and menu navigation.

Education & Certifications

Bachelor of Artificial Intelligence
Monoufia University – Faculty of Artificial Intelligence (Expected 2027)

Professional Certifications

- Machine learning & Data science Diploma - Udemy, July 2025
- Unsupervised Machine learning Diploma – Udemy, in progress 2025

Extra Activities

- Participation in ECPC (Egyption Collegiate Programming Contest) 2024

Skills:

Technical:

- Sciket-learn, Seaborn, Matplotlib, Pandas, Numpy
- Python, C++
- SQL
- Git, GitHub
- Problem solving
- Image processing

Soft Skills:

- Problem Solving & Critical Thinking
- Presentation
- Leadership & Teamwork
- Self-learning & Adaptability

Languages

- **Arabic** – Native
- **English** – Advanced