

Amr Mohamed Ahmed

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Profile Summary

AI student with hands-on experience in building smart systems. Interested in machine learning, computer vision, and real-world applications. Focused, fast learner, and ready to contribute to impactful projects.

Education

Bachelor of Artificial Intelligence, Menoufia University (Expected July 2025):

- Department: Machine Intelligence
 - Overall Grade: Good (GPA 2.73/4.0)
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Graduation Project

ARGUS AI - Smart Exam Monitoring System (Spring 2025)

- Developed an AI-powered real-time exam monitoring system to detect cheating behaviors and unauthorized tools in physical exam halls
 - Integrated YOLOv8 for object detection, FaceNet for identity verification, and phone detection algorithms
 - Built Django web interface for live visualization and reporting with RAG-based natural language query system
 - Technologies: Python, OpenCV, TensorFlow, YOLOv8, SQLite, LangChain, Django
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Trainings & Courses

Aspire Leadership program from Harvard University (Summer 2024):

- Completed 30 hours from a Harvard Business School-founded online leadership development program, connecting with peers and educators from over 150 countries.
- Strengthened core leadership, networking, and communication skills by participating in live seminars with Harvard faculty and engaging in idea exchange within a global virtual classroom.

Artificial Intelligence (Summer 2022):

- National Telecommunication Institute (NTI), Online Course
- 90 hrs of technical training, 30 hrs of Soft Skills training

Odoo (Summer 2024):

- Completed an Odoo training program focused on financial transactions and AI integration.
 - Gained hands-on experience with Odoo's functionalities, including Sales, Inventory, and Studio.
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Activities

AI Entrepreneurship Club (Feb 2022)

- Coordinated events and programs, providing valuable resources and facilitating connections for local entrepreneurs, fostering a flourishing startup ecosystem.

Partnership & Sponsorship, GDSC Menoufia University (Nov 2023)

- Developed and managed sponsorship strategies, securing funding and resources to support university events, demonstrating a strong understanding of building and nurturing partnerships.
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Projects

Therapist Chatbot (NLP, Python, LSTM)

- Developed an LSTM-based therapist chatbot using NLP and Python, resulting in a 30% increase in user engagement and a 4-second reduction in average response time.

Classification of Egyptian Currencies (PyTorch, ResNet50)

- Developed a currency classification system using the ResNet50 model in PyTorch to classify Egyptian currencies into 9 distinct categories.

Character Simulator RAG System (Python, LangChain, FAISS)

- Developed an AI-based character simulation system using RAG, LangChain, and FAISS for semantic search to create realistic digital personas with dialogue history maintenance and extensible architecture supporting multiple characters with unique personalities
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Skills:

Leadership, Teamwork, Torch, TensorFlow, LLM, Data Analysis, NLP, RAG

Languages:

-English: Advanced (reading and writing)

-German: Intermediate (reading), Basic (speaking)