

ZIAD ELSAYED EBRAHIM

ARTIFICIAL INTELLIGENCE STUDEND

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SUMMARY

Fourth-year Artificial Intelligence student at Helwan International Technological University (GPA 3.4) with advanced expertise in Machine Learning, Deep Learning, NLP, and Computer Vision. Skilled in Python, TensorFlow, PyTorch, HuggingFace, and OpenCV with hands-on experience in AI-driven robotics, NLP applications, and computer vision systems.

Freelance Machine Learning Developer delivering solutions in classification, regression, and NLP with a high client satisfaction rate across platforms including UpWork, Freelancer, and Mostaql. Passionate about applying AI for social good, robotics, and education technology.

EDUCATION

B.Sc. in Artificial Intelligence Technology

Helwan International Technological University — The Technological College in Cairo

Expected Graduation: July 2026

- GPA: 3.5
- Focus: Machine Learning, Neural Networks, Classification Algorithms, Data Analysis
- Practical learning via simulations, AI labs, and project-based assessments

CERTIFICATIONS

- Machine Learning by Andrew Ng – Coursera
- Machine Learning – Udemy
- Python Programming – MaharaTech
- HCIA-AI by Huawei (recognized by Ministry of Communications)
- NASA Space Apps – 8th place, Shebin El Kom
- Data Literacy Essentials – SAS
- Data Analysis – NTI
- NLP – Orange Digital Hub
- GANs & VAEs – Orange Digital Hub
- RNN – Orange Digital Hub
- CNN – Orange Digital Hub
- MLOPs – Orange Digital Hub
- Computer Vision – Orange Digital Hub

TECHNICAL SKILLS

Freelance Machine Learning Developer

- **Delivered ML solutions for classification, regression, and NLP applications.**
- **Built models for sentiment analysis, risk detection, and computer vision tasks.**
- **Maintained 95%+ client satisfaction rate across multiple projects.**

Vodafone Egypt — Call Center Representative

- **Strengthened interpersonal and stress management skills.**
- **Improved ability to explain technical concepts to non-technical stakeholders.**

EXPERIENCE & PROJECTS

AI Projects

- **Heal Me Robot (IoT + ML):** Developed a robot for risk detection using ML algorithms.
- **House Price Prediction:** Built regression models achieving accurate price predictions.
- **Sleep Rate Classification:** Designed a classifier to analyze sleep patterns.
- **Risk Classification Model:** Developed a supervised ML model for risk levels.
- **Sentiment Analysis (NLP):** Classified Arabic sentiment using transformer models.
- **Image Classification (CV):** Implemented CNN models for multi-class classification.
- **Robotic Arm + YOLO + DeepSeek AI:** Built a hardware control system for robotic arms using object detection and natural language commands.
- **Face Recognition & Filters App:** Developed an Android app using Flutter + Flask + CV for real-time face recognition.
- **Green Vision (Deep Learning + Sustainability):** Built a DL model for desertification treatment and land reclamation in Egypt.
- **Biotrek (NASA Space Apps):** Built an educational website for biological experiments; earned 8th place in regional hackathon.
- **Gaming Impact Study (UiPath RPA):** Automated analysis on gaming's effects on youth.

Web & RPA Projects

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- **Gaming Impact Study (UiPath RPA):** Automated analysis on gaming's effects on youth.

PROFESSIONAL EXPERIENCE

- **Freelance Machine Learning Developer** – [UpWork](#), [Freelancer](#), [Mostaq](#)

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- **Vodafone Egypt – Call Center Representative**

Strengthened interpersonal and stress management skills.

Enhanced ability to explain technical solutions to non-technical stakeholders.

TRAINING PROGRAMS

National Telecommunications Institute (NTI)

- HCIA (AI): Foundations to neural networks
- Python for Data Analysis: Advanced program in data wrangling and visualization

Orange Digital Hub (ODG)

- AI Level 3: Specialized training in CV, NLP, GANs, LLMs, and MLOps | Grade: 99%

LEADERSHIP & ACHIEVEMENTS

- Cohort Leader, Helwan International Technological University
- Top 8 Winner — NASA Space Apps, Shebin El Kom
- Recognized by Huawei Talent & Ministry of Communications
- Team Leader at AppX competition (Mccarthies team)
- Top 5 Winner in AppX with **Green Vision** project
- Strong client communication and project delivery skills

LANGUAGES

- Arabic: Native
- English: Fluent

INTERESTS

- Machine Learning | Robotics | Space Technology | Open Source | AI for Social Good | Education Tech