

Malak Mohamed Abd-ElHamid

Ai Engineer

Tel.: 01557414505 || Email: malakabdelhamid6@gmail.com

Linkedin: www.linkedin.com/in/malakabdelhamid1 || Addr: Cairo, Egypt

Objective:

Motivated Artificial Intelligence student with academic foundation and practical experience in AI, specifically in Machine Learning. Seeking internship or training opportunities to apply and enhance my technical skills in a dynamic and collaborative environment.

Education:

Bachelor of Technology, University of Helwan International Technological (2022 – 2026)
♦ Major: Artificial Intelligence

Experience:

-
- **Machine Learning Intern – Digital Egypt Pioneers Initiative**, MCIT (Jun 2025 – Present)
 - ♦ Selected to join a national internship program focused on Machine Learning and future digital skills.
 - Participating in hands-on technical labs focused on machine learning and data processing.
 - Attending sessions on soft skills, freelancing, and professional English communication.
 - **Commercial International Bank (CIB)**, Ai & Business Training Program (Sep2024 – oct2024)
 - ♦ Completed certified training in:
 - Digital Transformation & Data Literacy
 - Financial Literacy & Entrepreneurial Skills
 - Human-Centric Interpersonal Skills
 - Emerging Talent for the Future Workplace

Courses:

-
- **Applied Deep Learning**, MaharaTech (Jun 2025)
 - ♦ Project-based course using:
 - NumPy, TensorFlow, Keras, and Matplotlib
 - Built and trained DNNs, CNNs, and RNNs (GRU, LSTM)
 - Developed models for image classification, sentiment analysis, and time series forecasting.
 - **AI & ML with Quantum Computing Foundations**, Ministry of Youth & Sports | YTA & Huawei (Mar 2025)
 - ♦ Comprehensive training covering:
 - AI/ML fundamentals, data preprocessing
 - Supervised & unsupervised learning
 - CNN, RNN, GAN, NLP, and computer vision
 - Quantum machine learning concepts
 - **Python Programming**, Elzero Web School (2022)
 - ♦ Learned programming basics, control structures, OOP, and data handling.

Skills:

Technical Skills:

- Technologies: Machine Learning (Intermediate), Deep Learning (Entry Level)
- Tools: UiPath (Entry Level), Microsoft Office (Advanced)
- Programming: Python (Intermediate), Java (Entry Level)

Soft Skills:

- Communication
- Teamwork
- Fast Learner
- Flexible and adaptable

Languages:

- Arabic: Native
- English: Very Good

Project:

- VisionWalk (Real-Time Pedestrian Detection), Ministry of Youth & Sports | YTA & Huawei project

Project Description: A deep learning project developed as part of an AI training program. The goal was to detect pedestrians in real time using computer vision techniques.

Tools: YOLOv5, Python, Caltech Pedestrian Dataset

Outcome: Achieved 80% detection accuracy in practical testing through model training and evaluation

- Smart Gloves for Sign Language Translation

Project Description: A wearable device that translates sign language into text in real time to support communication for hearing-impaired individuals. The gloves use sensors to detect hand gestures and a Random Forest algorithm to interpret them.

Tools: Python, Machine Learning (Random Forest), Sensor Integration

Accuracy: Achieved 87% translation accuracy and reduced error rate by 20%

Activities:

- Director, Enactus HITU (Sep 2024 – Mar 2025)

- Managed a 60-member team, spearheading social entrepreneurship projects.

- Volunteer, Ressala Charity Organization (Sep 2022 – Sep 2023)

- Supported community service efforts and coordinated team activities.