

Mennatullah Khaled Ebrahim

Cairo, Egypt | +20 1033988119 | 0xmenatullah@gmail.com
linkedin.com/in/menatullah-khaled | github.com/0xmennatullah

ABOUT

Generative AI active self-learner seeking research internship. Hands-on deep learning & generative AI experience.
Leading graduation project on bias mitigation in diffusion-based virtual try-on.

EDUCATION

El-Shorouk Academy <i>Bachelor's Degree in Computer Science, GPA: 3.8/4.0</i>	Cairo, Egypt <i>Expected Graduation: 2026</i>
---	--

EXPERIENCE

Digital Egypt Pioneers Initiative (DEPI) <i>Team Lead – Generative AI Professional Track</i>	Cairo, Egypt <i>Nov 2024 – Present</i>
– Elected Team Lead in a 6-month intensive program on Vision Transformers, generative models, RAG systems, and Agentic AI.	
Information Technology Institute (ITI) <i>AI Trainee</i>	Cairo, Egypt <i>Aug 2024 – Sep 2024</i>
– Completed intensive training in AI/ML/DL fundamentals and computer vision. Earned NVIDIA & Kaggle certifications in Deep Learning and Computer Vision.	

PROJECTS

Dual-Track Virtual Try-On (VTON) System – Graduation Project <i>Student Researcher / Lead Developer Dr. Ahmed Kaboudan (KAUST insights)</i>	Oct 2025 – Present
– Addressing representation bias in generative models for cultural garments (Hijab) and diverse skin tones via dual-track approach.	
– Track 1: Scalable inference backend (Clean Architecture). Track 2: FLUX.1 diffusion model fine-tuning for latent space consistency.	
Deep Learning Implementations & Experiments <i>GitHub: PyTorch DL-Implementations</i>	2025 – Ongoing
– Hands-on PyTorch projects: Implemented ResNet-50 baseline for FoodVision image classification; exploring Vision Transformers.	
– Broader DL architectures: Notebooks on CNNs (LeNet, AlexNet, VGG, ResNet), transfer learning, data loading, and training loops.	
Machine Learning Algorithms from Scratch <i>GitHub: github.com/0xmennatullah/ML-Implementation</i>	2024–2025
– From-scratch implementations in Python: SVM, Decision Trees, Random Forest, K-Means, PCA, XGBoost.	

CERTIFICATIONS & RELEVANT COURSEWORK

Getting Started with Deep Learning – NVIDIA DLI	Sep 2025
AI Professional Training – Information Technology Institute (ITI)	Aug–Sep 2025
Machine Learning Specialization – DeepLearning.AI / Coursera	Dec 2024–Apr 2025
Deep Learning for Computer Vision (Self-Study) – UMICH EECS 498-007	Jul–Aug 2025
Hands-On ML with Scikit-Learn, Keras & TensorFlow (Self-Study) – Aurélien Géron	Oct 2025–Present

TECHNICAL SKILLS

Programming: Python, C#, Jupyter, VS Code
Data & ML: NumPy, Pandas, scikit-learn, Matplotlib, Regression, Classification, Clustering, XGBoost
Deep Learning: PyTorch, TensorFlow, CNNs, Transfer Learning, Vision Transformers, Diffusion Models
Tools: Hugging Face, ComfyUI, LoRA
Soft Skills: Team Leadership, Code Review, Research Coordination