Yahya Alnwsany

AI Engineer

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Portfolio | GitHub: NightPrinceY | LinkedIn | Hugging Face

Professional Summary

AI Engineer passionate about artificial intelligence, specializing in deep learning, computer vision, and large language models (LLMs). Experienced in developing and deploying AI solutions addressing real-world challenges. Strong communicator and educator with a proven track record in technical leadership, public speaking, and cross-functional collaboration.

Technical Skills

- **Programming:** Python, C++, SQL, Shell Scripting
- **AI Frameworks:** TensorFlow, PyTorch, Hugging Face Transformers, Ultralytics YOLOv5/v8
- **Machine Learning:** Deep Learning, CNNs, RNNs, LLMs, Prompt Engineering, Fine Tuning
- **Cloud & Deployment:** AWS, Azure, Google Cloud Platform, Docker
- **Tools:** Git, SSH, MariaDB
- **Other:** Data Modeling, Manual Testing, Project Management, Healthcare IT, Community Outreach

Education

Bachelor of Artificial Intelligence
Kafr El-Sheikh University, Egypt
October 2022 – July 2026

Applied Data Science
WorldQuant University, Online
October 2022 – July 2026

Certifications

- **TensorFlow Developer Specialization** — DeepLearning.AI, Mar 2024 (Credential: SAY7XD62JEVN)
- **Deep Learning Specialization** — DeepLearning.AI, Oct 2023 (Credential: GC6WY3TA4V6G)
- **Machine Learning Specialization** — DeepLearning.AI, Aug 2023 (Credential: 4ZNVPF58XQ75)
- **Ambassador Certificate** — SolveHub, Jun 2025

Professional Experience

NLP Engineer Intern
Cellula Technologies | Jun 2025 – Present

- Developed and optimized NLP pipelines for text classification, sentiment analysis, and information extraction.
- Collaborated with cross-functional teams to integrate AI solutions into production.
- Conducted research on state-of-the-art NLP techniques and evaluated model performance.

Google Cloud & NVIDIA Community Member
NVIDIA | May 2025 – Present

- Engaged in community-driven AI and cloud computing initiatives.
- Collaborated with industry experts on innovative projects.

AI Engineer Intern
Hugging Face | Oct 2024 – Present

- Gained hands-on experience with Hugging Face Transformers, including model fine-tuning for NLP tasks such as text classification, summarization, and text generation.
- Contributed to open-source projects and developed custom models for Arabic language processing and other applications.

Coding Instructor
iSchool | Oct 2024 – Present

- Delivered training on programming and AI concepts.
- Motivated students through effective communication and leadership skills.

Coordinator
almentor | Jun 2024 – Oct 2024

- Organized educational programs and workshops on AI and coding.
- Mentored and guided participants to achieve learning goals.

Ambassador

Solve Hub | Aug 2024 – Oct 2024

- Advocated for responsible AI and networking opportunities.
- Represented Solve Hub at events, promoting AI solutions addressing real-world challenges.

Internship Trainee

DeepLearning.AI | Oct 2023 – Jan 2024

- Gained hands-on experience in TensorFlow, deep learning, and LLMs.
- Contributed to projects involving CNNs and advanced AI techniques.

Projects

- **Respiration App:** Mobile app for real-time respiration monitoring using machine learning.
  GitHub | Hugging Face | DockerHub

- **Helmet Detection:** Real-time helmet detection system using YOLO v8.
  GitHub | Hugging Face

- **Arabic Poetry Fine-Tuned Model:** GPT-2 model for generating Arabic poetry.
  GitHub | Hugging Face

- **Image Captioning:** Deep learning model for generating image captions.
  GitHub | Hugging Face

- **Topic Classification:** NLP model for classifying topics in Arabic text.
  GitHub | Hugging Face

- **Shakespeare Quote Generator:** Fine-tuned model for Shakespearean text generation.
  GitHub | Hugging Face

- **Weather Today:** Machine learning app for single-date weather forecasting.
  GitHub | Hugging Face

- **Summarization App:** NLP tool for automatic text summarization.
  GitHub | Hugging Face

- **Review Movie Sentiment:** Sentiment analysis model for movie reviews.
  GitHub | Hugging Face

- **Pong Game:** Classic Pong game implemented with Python.
  GitHub

- **Sarcasm Detection Model:** Deep learning model for sarcasm detection in text.
  GitHub | Hugging Face

- **HelloWorld:** Simple introductory project for Python basics.
  [GitHub](#)

Volunteering

- **Member, Brain Hack-KSU** (Oct 2022 – May 2023)
- **Member, IEEE Kafrelshiekh Student Branch** (Oct 2023 – Present)
- **Member, Google Developer Student Clubs** (Oct 2023 – Present)

Languages

- **Arabic:** Full Professional Proficiency
- **English:** Professional Working Proficiency
- **German:** Elementary Proficiency