

Yahya Muhammad Alnwsany

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LinkedIn — GitHub — Kaggle

OBJECTIVE

Aspiring AI Engineer with expertise in deep learning, computer vision, and natural language processing (NLP). Passionate about developing AI solutions that tackle real-world challenges and contribute to humanitarian and technological progress. Experienced in public speaking, AI education, and leadership roles.

EDUCATION

Bachelor of Science in Artificial Intelligence

Sep 2022 – Expected June 2026

Extensive coursework in:

- Deep Learning and Machine Learning
- Natural Language Processing and Computer Vision
- Algorithms Analysis and Data Engineering
- Cloud Technologies (Azure)

PROFESSIONAL EXPERIENCE

Solve Hub – Ambassador

August 2024 – Present (2 months)

- Actively promote Solve Hub's mission in humanitarian business and development through workshops and events.
- Engage a diverse network of contributors to expand the organization's impact.

iSchool – Coding Instructor

June 2024 – Present (4 months)

- Teach logic and programming concepts to students, focusing on practical applications of AI and coding.
- Lead interactive coding sessions, helping students develop foundational skills in Python and AI technologies.

AIMentor – *Coordinator*
June 2024 – Present (4 months)

- Coordinate educational programs focused on AI and tech development.
- Organize events, workshops, and presentations to enhance learning experiences.

Deep Learning Engineer Intern
Oct 2023 – Present

- Developed cutting-edge AI models in deep learning, NLP, and computer vision to address real-world community challenges.
- Collaborated with research teams to deploy AI models in various domains such as text generation and image analysis.

SELECTED PROJECTS

Respiration App

GitHub Repo

Developed a mobile app for measuring respiration rate using machine learning algorithms. The app provides accurate real-time respiration monitoring, with potential applications in healthcare and fitness.

CollegeForFun Repository

GitHub Repo

Created a repository containing numerous AI and deep learning projects made during my education, showcasing a wide range of technical skills and innovative AI solutions.

Helmet Detection

Developed an intelligent system utilizing YOLO v8 for real-time helmet detection in transportation, aimed at enhancing road safety compliance. The model provides instant feedback on whether drivers are wearing helmets.

Shakespeare-Q

Built a text-generation system using NLP techniques in TensorFlow to recreate quotes reminiscent of William Shakespeare's literary style. The model learns linguistic patterns from Shakespearean works, generating text with high stylistic accuracy.

TECHNICAL SKILLS

- **Languages:** Python, C++, HTML/CSS, Shell Script, SQL
- **AI Frameworks:** TensorFlow, PyTorch
- **Developer Tools:** VS Code, Eclipse, Azure, Docker
- **Technologies:** Linux, GitHub, Docker
- **Languages:** Arabic, English, German

PUBLIC SPEAKING & LEADERSHIP

Awarded public speaker and motivator at various AI-related events. Skilled at delivering complex AI concepts in an accessible manner to diverse audiences. Strong leadership skills, with experience in organizing events, motivating teams, and driving project success.