Marawan Yakout
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Artificial Intelligence Engineer | AI Developer | Machine Learning | Neural Networks| Data Scientist

EDUCATION

University of London   London, United Kingdom
Academic Degree (BSc in Computer Science AI & ML Path)
Classification: Grade achieved to date: 4 GPA   Graduation 2027
Relevant Coursework: Software Design & Development / Data Bases Networks & the Web/ Programming with Data

University of Central Lancashire   Preston, United Kingdom
DipHE Higher National Diploma with Mirit in Engineering   2 Years / 2021
Classification: 3.7 GPA
Relevant Coursework: Computational Fluid Dynamics - CFD / Computational Aided Engineering Design / Engineering Analysis / Project Management

WORK EXPERIENCE

iSchool   Alexandria, Egypt
Coding Instructor | Full-time | Remote   Oct 2025 – Present
- Deliver 5+ Daily Lectures for machine learning data science and visualization topics.
- Develop personalized curriculum for diverse learning and enhanced student engagement by 30% based on feedback.
- Foster collaborative environment guiding +50 students per month towards completing hands-on comprehensive projects.

DK AI Laps   Amsterdam, Netherlands
AI Researchering Assistant | Part-time | Hybrid   Jan 2025 – Present
- Prepared and developed to 10+ workshops on AI and machine learning, engaging 20+ participants and facilitating hands-on learning experiences that enhanced understanding of advanced technologies.
- Improved the development of AI research ML Models across 4 fields, including space, medicine and energy sectors.
- Completed 2 Data Analysis and Machine Learning Training.

LiveAI - EU   Amsterdam, Netherlands
AI Researcher & Instructor | full-time | Hybrid   Aug 2024 – Dec 2024
- Mentored 20+ interns, resulting in a 20% increase in learning output efficiency and enhanced practical skills development within the team.
- Provided new ideas for improving learning techniques of AI & ML oriented courses for LiveAI platform resulting in 20% improvement in course engagement.
- Help Delivering AI basic models using hugging face and Google Co-Lap.
- Created a full 5h + Python course with more than 200+ learners on LiveAI.eu with top world high class quality.

Radical AI   New York, USA
AI Engineer | full-time | Internship | Remote   Jun 2024 – Oct 2024
- Created Gemini Qualify project that generates questions based on PDF inputs of books or articles via Google Vertex AI API and Streamlit for front end over a period of 3 months.
- Collaborated with 4+ Team members over shared learning AI projects.

Professional Projects

Gemini Quizify
GitHub   Jun 2024 – Oct 2024
- Engineered a full-stack AI application to generate accurate quiz questions from uploaded PDFs of books, articles or journals, leveraging Google Vertex AI for natural language analysis and data processing using Streamlit for front-end UI development.
- Designed and optimized data pipelines to process and extract key insights from diverse document formats, reducing processing errors by 30%.
- Coordinated with cross-functional team of 5 to align project goals, delivering a scalable solution adopted by 10+ internal users for educational content creation.

KNN-LR-ML-DS-Project

GitHub   Aug 2025 – Sept 2025
- A Machine Learning project analyzes worldwide GDP trends and migration patterns in OECD countries using machine learning models like KNN'S and Leaner Regression to predict future GDP rates between 2022 and 2030.
- The ML analysis combines accurate GDP data from IMF, International World Bank and OECD with unemployment rates and migration statistics to provide comprehensive insights, 94.6% accuracy and used MSE, RMSE, MAE, R2 (R Squared) to calculate accuracy.

Certifications

C for Everyone: Programming Fundamentals   Online
University of California, Santa Cruz   Sept 2025
Credential ID J6ZWOZL7TZWW

Programming For Everybody   Online
University of Michigan   Dec 2024
Credential ID UJZKB47NGG87

MATLAP Onramp   Online
Certified - Training Issued by MathWorks   Sept 2025

Supervised Machine Learning: Regression and Classification   Online
Stanford University   Jan 2025
Credential ID O6WVUXO3KMMU

Foundations of Project Management   Online
Google   Jan 2025
Credential ID 2TBI9VH2I1PK

IELTS   In-Person
British Council – Overall: 7.5   Aug 2023
Credential ID 23G000627YAKM750A

Publications
- AI for Social Good – Article "Highlights Potential of AI potential Development across fields" **– Self Published.**
- Course in Python Programing Language Basic to Advanced **- Published over Live AI.**

SKILLS AND INTERESTS
- **IDE'S | Environments:** UNIX (zsh, bash, pwsh), VS Code, PyCharm, IntelliJ IDEA, WebStorm, CLion
- **Platforms:** Git, GitHub, Jupiter Notebooks, Google Colab, Kaggle
- **Programming Languages:** R, C / C++, Python, Java JavaScript, TypeScript , Lua, C#
- **AI/ML Frameworks:** TensorFlow, PyTorch, scikit-learn, Keras, OpenCV, CUDA
- **Data Analysis:** Pandas, NumPy, SQL, Seaborn, XML, JSON, NoSQL
- **Data Visualization:** MATLAP, Octave, Matplotlib, LaTaX
- **Web Development:** HTML, CSS, React.js, Node.js, Next.js
- **Tools & Platforms:** AWS, Google Cloud Platform
- **VM | Server side:** Docker, Kubernetes, Postman, Apache (Hadoop, Hive, spark)
- **Other Editors:** Nano, Vim, Nvim
- **OS:** Mac OS, Windows, Linux (Ubuntu, Fedora, Debian, Linux Mint, and Arch)
- **Computer General:** Microsoft Office Suite, Libre Office Suite, SAP Process.
- **Languages:** Arabic | English | German

AWARDS AND ACHIEVEMENTS
- **STEM** International Science Fair - 3rd Place by **Intel Co, Qatar Foundation**   Doha, 2017

Proffesional Affiliations
- Project Management Institute – **Associate Member**