



MA

MOHAMMD ADUALLAH

Artificial Intelligence Engineer

Computer Vision | Deep Learning | Machine Learning | Django | Python

OBJECTIVE

Dynamic and highly motivated Artificial Intelligence Engineer with a proven track record of designing and implementing cutting-edge AI solutions to solve complex business challenges. Proficient in machine learning, deep learning, I am dedicated to pushing the boundaries of AI technology to drive innovation and enhance operational efficiency. Seeking a challenging role where I can leverage my expertise to create intelligent systems that make a meaningful impact.

EDUCATION

**Bachelor's degree
Informatics Engineering**
– Aleppo University

EXPERIENCE

AI ENGINEER • RAM GROUP • FEB/2023 – PRESENT:

As a Computer Vision Engineer in RAM Company, I played a pivotal role in spearheading cutting-edge projects that integrated computer vision technology into embedded systems. My responsibilities included:

- Algorithm Development:** Developing and fine-tuning computer vision algorithms for real-time object detection, tracking, and recognition. This involved optimizing algorithms for resource-constrained embedded platforms.
- Hardware Integration:** Collaborating closely with the hardware team to ensure seamless integration of computer vision solutions into embedded systems, optimizing for performance and resource efficiency.
- Machine Learning Models:** Training, deploying, and maintaining machine learning models for object detection, classification, and segmentation, tailored for embedded systems.
- Performance Optimization:** Continuously improving the efficiency and speed of computer vision processes on embedded devices, resulting in reduced latency and enhanced system responsiveness.
- Cross-functional Collaboration:** Collaborating with cross-functional teams, including software developers, hardware engineers, and project managers, to deliver end-to-end solutions that met project goals and timelines.
- Quality Assurance:** Implementing rigorous testing procedures to ensure the reliability and accuracy of computer vision applications, addressing issues and making refinements as necessary.
- Documentation and Reporting:** Maintaining detailed documentation of algorithms, models, and integration processes, and providing regular progress reports to project stakeholders.

INFORMATIONS

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LinkdIn:

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GitHub:

[mohammed3120](https://github.com/mohammed3120)

Kaggle: [mohammedkha](#)

Portfolio: [link](#)

LANGUAGES

Arabic: Native

English: Professional
Working Proficiency

AI FRAMEWORKS

- Tensorflow
- Pytorch

EXPERIENCE (MY PROJECTS)

FEB-2023:

I made a model to Brain tumor recognition with CNN using keras and tensorflow.

MAY-2021:

I made a model to Hand gesture recognition with CNN using keras and tensorflow.

NOV-2019 TO OCT-2020:

I built a model using machine learning techniques and natural languages to find the best doctor with the features and features a user wanted.

MAR-2019 TO NOV-2019:

I built an app using image processing and neural networks to recognize honey bee images.

FEB-2018 TO MAY-2018:

I participated in the Artificial Intelligence Hackathon at the Syrian Scientific Society.

PROGRAMMING SKILLS

- Problem Solving
- Data Analysis
- Image Programming
- Version Control (GIT)
- System Analysis
- ERD

WEB FRAMEWORKS

- **Django & RestAPI**
- **FastAPI**

OPERATING SYS

- **Ubuntu**
- **Raspbian**
- **Windows**

EMBEDDED SYS

- **Jetson Nano**
- **Raspberry**
- **Arduino**

SOFT SKILLS

- **Critical Thinking**
- **Teamwork**
- **Project Management**
- **Adaptability**
- **Continuous Learning**
- **Attention to Detail**
- **Communication**
- **Time Management**