



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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**GitHub:**

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

**Kaggle:** [mohammedkha](#)

**Portfolio:** [link](#)

## LANGUAGES

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**Arabic:** Native

**English:** Professional  
Working Proficiency

## AI FRAMEWORKS

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- Tensorflow
- Pytorch

## EXPERIENCE (MY PROJECTS)

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### 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 LANGUAGES

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- Python
- C/C++
- Java script
- Knowledge in Java
- Knowledge in C#

## EMBEDDED SYS

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- Jetson Nano
- RaspberryPI
- Arduino

## OPERATING SYS

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- Ubuntu
- Raspbian
- Windows

## WEB FRAMEWORKS

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- Django & RestAPI
- FastAPI

## DESKTOP APPS

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- PyQt in Python
- WindowsForm in C#

## PROGRAMMING SKILLS

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

## SOFT SKILLS

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