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:

1. **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.

2. **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.

3. **Machine Learning Models:** Training, deploying, and maintaining machine learning models for object detection, classification, and segmentation, tailored for embedded systems.

4. **Performance Optimization**: Continuously improving the efficiency and speed of computer vision processes on embedded devices, resulting in reduced latency and enhanced system responsiveness.

5. **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.

6. **Quality Assurance:** Implementing rigorous testing procedures to ensure the reliability and accuracy of computer vision applications, addressing issues and making refinements as necessary.

7. **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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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 LANGUAGES

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

EMBEDDED SYS

- **Jetson Nano**
- **RaspberryPI**
- **Arduino**

OPERATING SYS

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

WEB FRAMEWORKS

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

DESKTOP APPS

- **PyQt in Python**
- **WindowsForm in C#**

PROGRAMMING SKILLS

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

SOFT SKILLS

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