SALEH IBRAHIM AL-KHALAFAT

AI ENGINEER

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PROFILE

As an AI Engineer passionate about Computer Vision and Natural Language Processing (NLP), I specialize in developing innovative solutions that leverage advanced machine learning techniques to solve complex problems. My expertise lies in designing and implementing algorithms for image and video analysis, as well as creating models that understand and generate human language. I strongly focus on leveraging Large Language Models (LLMs) in my projects to enhance the performance and capabilities of NLP applications.

EDUCATION

Taflah Technical University

Bachelor's Degree in Intelligent Systems Engineering
2019 - 2024

EXPERIENCE

Associate Cloud Engineer - INTERNSHIP

IILINIX │ AUG 2023 – Nov 2023
As part of my commitment to personal growth, I actively pursued training opportunities and certifications related to cloud technologies

Data science & Machine learning - INTERNSHIP

Shai │ MAR 2024 – JUL 2024
Explored machine learning technologies and delved into data science through my internship. Gained hands-on experience developing ML models, and analyzing data.

Technical Training and Job Matching Program - FELLOW

Training and Competitions by Correlation One │ OCT 2024 – Present
The training covers data literacy, Excel functions, Data Visualization, Dashboard Design, SQL, and Python, with additional professional development sessions.

PROJECTS

1. **Automated Inventory Management (AIM):**
- I developed an automated inventory management as part of my graduation project. The system utilized YOLOv8 to efficiently track and manage inventory in real-time with a 0.76 MVP.
2. **ChatGPT with your data:**
- AI-powered virtual assistant that combines LangChain and ChatGPT to enhance natural language understanding and handle a wide range of tasks and conversations.
3. **License Plate Detection and Recognition:**
- As part of an Automated Parking-lot system, I developed a model that detect the license plate and recognize the plate number, the model works for the Jordanian, Saudi Arbian, and Qatari plates.

SKILLS

- Linux
- Deep Learning
- Computer Vision
- Microsoft Office
- Machine Learning
- Engineering
- English
- Project Management
- Python (Programming Language)
- Google Cloud Platform (GCP)
- NLP
- LLMs
- Tensorflow
- PyTorch
- FineTuning

LICENSES & CERTIFICATIONS

- Networking Essentials
  Cisco Networking Academy
- Building Real-Time Video AI Applications
  NVIDIA
- Getting Started with Deep Learning
  NVIDIA
- Autodesk Eagle
  Autodesk Authorized Training Centre
- Associate Cloud Engineering Learning Path
  Google
- Fine Tune BERT for Text Classification with TensorFlow
  Coursera Project Network