

Faisal Almasri

Artificial Intelligence – Computer Vision – Deep Learning – Data Science

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SUMMARY

Computer Science graduate specializing in Artificial Intelligence and Computer Vision, with **experience** as a Data Scientist at Wakeb_Data. Experienced in AI development and skilled in problem-solving, communication, and leadership. Worked on a graduation project focused on **drone detection** in **real-time**. **GPA 4.61 / 5.00**

EDUCATION

Bachelor of Science in Computer Science
Imam Mohammad Ibn Saud Islamic University
GPA: 4.61

2021 – 2025
Riyadh, Saudi Arabia

PROFESSIONAL EXPERIENCE

Data Scientist

Wakeb Data

03/2025 – present
Riyadh, Saudi Arabia

Worked on projects in natural language processing and computer vision. Built end-to-end pipelines involving data collection, preprocessing, model development, and deployment. Applied tools for **automation**, **API integration**, and containerization to deliver scalable ML solutions. Gained experience in managing **data workflows**, **deploying models**, and solving real-world problems through practical AI applications

Management Position

Jarir Bookstore

05/2023 – 01/2025
Riyadh, Saudi Arabia

Developed skills to understand client needs and suggest customized solutions. Improved problem-solving, communication, and adaptability in a fast-paced setting while supporting team training and maintaining attention to detail.

Instructor

Baims

06/2022 – 02/2023
Riyadh, Saudi Arabia

I designed and delivered content for the CS150 subject, focusing on programming basics and Java syntax. I actively engaged with students through Q&A and live review sessions to enhance learning outcomes, and I utilized AI tools to assess assignment quality and generate mock exams, significantly improving evaluation efficiency and accuracy.

PROJECTS

Graduation Project: Eagle-Eye: AI-Driven System for Detecting Drones

Developed a real-time drone detector for monitoring unauthorized drones in restricted areas. Integrating MOG2 Background Subtractor for motion analysis, fine-tuning YOLO for object detection, And ByteTrack for tracking

License Plate Detection

Worked on the detection component of an Automatic Number Plate Recognition (ANPR) system. Focused on accurately localizing number plates in images using computer vision techniques under varying conditions.

Semantic Segmentation with Class Imbalance Handling

Worked on a semantic segmentation project with 12 classes, focused on accurate pixel-wise classification. Conducted detailed data analysis to identify and address class imbalance, improving model performance through targeted strategies. Tracked training experiments and performance metrics using TensorBoard for better model monitoring and comparison.

CERTIFICATES

CVDL master program, OpenCV
present

Mechatronics Bootcamp, Tuwaiq Academy
01/2025

AI Programming with Python Nanodegree, Udacity

COURSES

Advanced Learning Algorithm, DeepLearning.AI

Machine Learning: Regression and Classification, DeepLearning.AI

SKILLS

Deep Learning | Pytorch | Python | Problem Solving | Image Processing | Docker | FastAPI | SQL Alchemy |
DVC | Communication | Teamwork | Time Management