Faisal Almasri

Artificial Intelligence – Computer Vision – Deep Learning – Data Science

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SUMMARY

Computer Science fresh 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   2021 – 2025
Imam Mohammad Ibn Saud Islamic University   Riyadh, Saudi Arabia
GPA: 4.61

PROFESSIONAL EXPERIENCE

Data Scientist   03/2025 – present
Wakeb Data   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   05/2023 – 01/2025
Jarir Bookstore   Riyadh, Saudi Arabia
(While I was a student) 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   06/2022 – 02/2023
Baims   Riyadh, Saudi Arabia
(While I was a student) 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	**Mechatronics Bootcamp, Tuwaiq Academy**	**AI Programming with Python Nanodegree, Udacity**
present	01/2025	

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 Alcehmy |
DVC | Communication | Teamwork | Time Management