Faisal Almasri

Artificial Intelligence – Computer Vision – Deep Learning – Data Science

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SUMMARY

Senior Computer Science student specializing in Artificial Intelligence and Computer Vision with a strong interest in Data Science. Experienced in AI development and skilled in problem-solving, communication, and leadership. worked on my graduation project that focused on **Drone Detection**.

EDUCATION

Bachelor of Science in Computer Science   2021 – 2025
Imam Mohammad Ibn Saud Islamic University   Riyadh, Saudi Arabia
GPA: 4.6

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 GMM Background Subtractor for motion analysis, fine-tuning YOLO for object detection, And ByteTrack for tracking

Flower Image Classifer
Completed as part of the AWS scholarship with Udacity. Built a model to classify 102 flower species, achieving over 90% accuracy by fine-tuning ResNet-18 with various hyperparameters and data augmentation techniques.

King Abdullah Campus Building 324 Guidance Project
Developed a web app for the female section of the College of Computer Science to guide users to specific offices and check faculty availability. Achieved 4th place in the college-level Software Engineering project competition.

Pretrained Dog Breed Image Classifer
Completed as part of the AWS scholarship with Udacity. The project focused on integrating a pretrained model into an application for inference, the foundation for building full-scale machine learning applications

PROFESSIONAL EXPERIENCE

Management Position   05/2023 – 01/2025
Jarir Bookstore   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   06/2022 – 02/2023
Baims   Riyadh, Saudi Arabia
- Designed and delivered content for CS150 subject, focusing on programming basics and Java syntax.
- Engaged with students through Q&A and live review sessions, enhancing learning outcomes.
- Utilized AI tools to assess assignment quality and generate mock exams, improving evaluation efficiency and accuracy.

COURSES

CVDL master program, OpenCV

Advanced Learning Algorithm, DeepLearning.AI

Machine Learning: Regression and Classification, DeepLearning.AI

AI Programming with Python Nanodegree, Udacity

Mechatronics Bootcamp, Tuwaiq Academy

SKILLS

- Communication
- Teamwork
- Time Management
- Problem Solving
- Coaching
- Deep Learning
- Pytorch
- C++
- Python
- Data Science
- SQL
- Image Processing