ABDULRAHMAN ALNASHRI Artificial Intelligence | Data Scientist | Robotics

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PROFILE

AI & Robotics Engineer skilled in **Machine Learning, Data Science, and Intelligent Systems**.Experienced in building **autonomous robots, computer vision models, and data-driven AI solutions**.Passionate about transforming ideas into smart technologies that empower innovation and automation.

EDUCATION

BSC in Artificial Intelligence, GPA: 4.26, University of Jeddah — Aug 2020 – Jan 2025 | Jeddah

Data Scienc & Ai bootcamp by Le Wagon, Saudi Digital Academy — Feb 2025 – May 2025 | Riyadh

EXPERIENCE

Full Stack Robotics Engineering Intern – Smart Methods — Aug 2024 – Oct 2024 | Jeddah
   Hands-on training in mechanics, electronics, AI, and web/NLP tracks.
   Awarded "**Best Engineer 2024**" and earned Full Stack Robotics Engineer certification.

Robotics & Communication Member – Drone Club UJ — Aug 2024 – Dec 2024 | Jeddah
   Led the **"Exploring Robotics"** workshop, teaching sensors and microcontroller programming.

CERTIFICATES

Full Stack Robotics Engineer ⧉ (TVTC)

Robotics and Artificial Intelligence ⧉ (SM)

Data Science and Machine Learning ⧉ (TVTC)

MCIT Jr Data Scientist ⧉ (INE)

Data Science Bootcamp Diploma ⧉ (Le Wagon)

Data Science Bootcamp Certificate ⧉ (Saudi Digital Academy)

ACHIEVEMENT

Technical Supervisor & Mentor of the **YAMAMAH Rescue Drone Team**, winners of **1st Place – WRO Saudi 2025**, representing Saudi Arabia at the World Finals in Singapore.Also awarded **Best Engineer 2024**, **1st Place – Drones Hackathon (UJ)**, **2nd Place – Smart Methods Hackathon**, and **Champion of the Week – SDA Data Science Bootcamp (Week 5)**.

PROJECTS

Graduation project :
   Emotion Recognition Using Multimodal Deep Learning: Combined **ViT** and **GRU** models to detect emotions from image & audio data; achieved **96.9% accuracy** on RAVDESS dataset.

Self-Driving Car (ROS + OpenCV)
   Built an **autonomous car prototype** for lane detection and smooth navigation using computer vision.

Saudi Digital Academy Projects :
   V-TAC – Built an **AI tool** for **match prediction** and **real-time tactics** using **AutoGluon**, **Streamlit**, & **GPT APIs**.
   Hekaya – Created an **AI app** to **identify Saudi heritage sites** and generate **personalized stories & videos** via **YOLOv8** & **LangChain**.

SKILLS

   Tools & Software: Power BI, Jupyter Notebook, PyCharm, Visual Studio, Google Colab, Oracle SQL, Tinkercad, Figma, Arduino IDE, Ubuntu
   Programming: Python, Java, C++, SQL, ROS
   Soft Skills: Self-Learning, Problem Solving, Teamwork, Leadership, Continuous Improvement, Presentation