

Mawda Mohammed Alguraafi

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SUMMARY

Fresh Computer Science graduate with strong skills in Python, SQL, Data Analysis, and Machine Learning. Experienced in developing AI and computer vision projects through hands-on bootcamps and academic work. Seeking an opportunity to apply technical skills, contribute to impactful projects, and grow professionally within a collaborative and innovative environment by continuously expanding expertise and embracing innovative teamwork.

EDUCATION

Bachelor's Degree in Computer Science , Taibah University GPA (4.88/5) with First Class Honor	07/2020 – 05/2025 Madina
Data Science and Machine Learning Bootcamp , Tuwaiq Academy	09/2025 – 11/2025 Riyadh

PROFESSIONAL EXPERIENCE

Data Analyst , Elm • Clean and analyze data using SQL and Excel. • Build dashboards and visual reports using Tableau and Power BI. • Extract insights to support data-driven decision-making.	11/2025 – Present Medina
Intern , Department of Criminal Evidence • Extracted data from mobile devices using forensic tools such as XRY, XAMN, MD-NEXT, and MD-RED. • Analyzed and structured the extracted digital evidence to highlight key insights. • Prepared detailed forensic reports and submitted the results to the concerned authorities.	06/2024 – 08/2024 Madina

PROJECTS

InterviewSense , Graduation project • Developed an interview training system that analyzes both speech content and facial expressions. • Generated customized interview questions using ChatGPT and evaluated verbal answers with BERT, achieving 97% accuracy. • Performed facial emotion recognition using DeepFace with an MTCNN detector, reaching 83% precision. • Provided overall scores to help improve the applicant's interview readiness.	
Nabahah Project , Tuwaiq Academy • Built an AI system to detect PPE violations, restricted-area entry, and chemical spills. • Applied YOLOv8 models for real-time video analysis, achieving a 94% detection accuracy (mAP). • Developed a FastAPI dashboard linked to Supabase for monitoring alerts and viewing logs. • Added automatic voice alerts and stored safety data to support better lab compliance.	

COURSES AND MEMBERSHIP

Computer Science Specialization , Digital Data Governance and Development	09/2025
Technology Specialist Member , Saudi Council of Engineers	07/2025
Data Analyst Nanodegree Program , Udacity	07/2025
Data Science Bootcamp , Saudi Digital Academy, INE	01/2025
Machine learning Bootcamp , SDAIA	02/2024
Excel Basics for Data Analysis , IBM, Coursera	02/2023

PROFESSIONAL SKILLS

Programming Language: Java, Python, SQL
Machine Learning: Scikit-learn, Model Training, Model Evaluation.
Data Analysis: Data Cleaning, Exploratory Data Analysis (EDA)
Data Visualization: Power BI, Streamlit, FastAPI
Front-End: HTML, CSS
Design: Figma, Canva
Microsoft Office: Excel, Word

SOFT SKILLS

- Problem-solving
- Attention to detail
- Time Management
- Teamwork and collaboration
- Fast Learning

LANGUAGES

- Arabic
- English