

Mohanad Al Dakheel

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Summary

Computer Science graduate from King Abdulaziz University, with a concentration in Artificial Intelligence, full-stack web development, and more than 400 hours of internship experience. I pose a strong passion in my field; Through hosting multiple sessions in a variety of relevant topics, including 3D printing technologies, AI, and Robotics, I managed to build a strong practice. Now, I am looking for an opportunity to magnify my passion for Computer Science to provide valuable business solutions.

Education

BSc	King Abdulaziz University , Computer Science	Sept 2020 – May 2025
	<ul style="list-style-type: none"> GPA: 4.81 / 5.0 Innovation and Modeling Lab: Conducted multiple workshops, teaching students about 3D Printing, Micro-controllers, and Robotics. 	

Experience

IT & Digital Transformation Intern , Procter & Gamble	Jeddah, SA May 2025 – Present
<ul style="list-style-type: none"> Currently Developing real-time automated interactive business analytics Power BI dashboards, as well as transforming all the data to medallion architecture. Frequently receiving on-the-job training on corporate functions and departments, including Supply Network Operations, Finance & Marketing, Sales, Brand Management, IT & Business Intelligence. 	
Drones and Robotics Aziz Group , Robotics Unit Executive	Jeddah, SA Sep 2024 – April 2025
<ul style="list-style-type: none"> Participated in the Singapore Autonomous Underwater Vehicle Challenge(SAUVIC) with the AquaDRAG team as an AI/CV Specialist, achieving top 25 globally. 	
KAUST , Teaching Assistant	Jeddah, SA Jan 2025 – Jan 2025
<ul style="list-style-type: none"> Gave a hands-on sessions at the "Introduction to Artificial Intelligence" course by KAUST Academy, including Linear Regression, Logistic Regression and Neural Networks. Contributed in students' examination process and graded the practical exam submissions. 	
KAUST , Artificial Intelligence Intern	Thuwal, SA June 2024 – Aug 2024
<ul style="list-style-type: none"> Received intensive workshops and hands-on sessions on advanced AI topics, including Advanced Computer Vision, Generative Adversarial Networks, Reinforcement Learning, and Natural Language Processing. Built a RAG-based project that was recognized as one of the top 15 projects across all KAUST Academy Programs. 	

Skills

Programming Frameworks	Python, Java, C++, JavaScript, HTML/CSS, PHP, R, MATLAB, LaTeX, Visual Basic, Assembly, SQL. Tensorflow, PyTorch, Pandas, NumPy, Seaborn, Matplotlib, Scikit-Learn, React, NodeJS, Django, Flask .
Miscellaneous	Linux, Postman, Unity, Code Optimizations, GitHub/Git, Overleaf, 3D Modelling, IntelliJ, VS Code, PyCharm, Jupyter Notebooks, Google Colab, NetBeans, Power BI, Excel, Adobe Illustrator.
Soft Skills	Leadership, Logical Approach, Teamwork, Problem-Solving, Critical Thinking, Adaptability, Mentoring, Observation, Public Speaking, Planning, Decision Making.

Certificates

KAUST Academy Advanced Artificial Intelligence Course	Feb 2024
KAUST Academy Introduction to Artificial Intelligence	Nov 2023
DeepLearning.ai Mathematics for Machine Learning and Data Science Specialization	Oct 2023
University of Michigan Python 3 Specialization	Oct 2023

Projects

Federated Learning in Acute Lymphoblastic Leukemia: Advancing Diagnosis with limited data	2025
<ul style="list-style-type: none">Developed a decentralized Federated Learning system in which each simulated hospital can classify microscopic images of ALL into their corresponding stage while adhering to privacy regulations.Tools Used: Python, PyTorch, Scikit-Learn, Seaborn, Matplotlib, Flask, MongoDB, React.js	
Arabic NLP: Generating Multiple-Choice Questions from Saudi Schoolbooks	2024
<ul style="list-style-type: none">Developed a RAG-Based system that uses a general Arabic dataset and a YOLOv8 crossed with OCR to extract paragraph text from book images, which is then used by ChatGPT 4o-mini which generates the questions.Tools Used: Python, ArabicOCR, Scikit-Learn, Google Colab, Microsoft Excel	

Languages

Arabic	Native proficiency.
English	Professional working proficiency.