

Bader Ayman Alhindi

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ABOUT

As an artificial intelligence student, I am very enthusiastic about data science and machine learning and hope to make use of the latest technologies for extracting insights from enormous data. I have a strong AI background and would very much like to apply sophisticated statistical techniques to actual problems. Past projects have also provided me exposure to the actual operational deployment of machine learning models for process optimization in a business set-up. I am a firm believer in self-improvement and regularly enhancing my knowledge. Passionate about staying in the loop with the latest AI and data science enhancements, excited to collaborate and contribute to innovation that's driven by data.

EDUCATION

Middle East University

BC of Science in Artificial Intelligence – Academic Excellence

Amman, Jordan

October 2022 - February 2026

WORK EXPERIENCE

AI/ML Trainee

The Hope International Company

Apr 2024 – Jul 2024

Completed a 3-month internship at The Hope Company in Python AI (Machine Learning), I learned data preprocessing, building models, and optimization. Python, TensorFlow/Keras was used for code implementation and testing of machine learning models, and hands-on learning of applied AI pipelines was gained.

ASP.NET

Lime Information Technology

Jul 2025 – Sep 2025

Participated in the development and security of RESTful APIs with .NET 6 (Core). Worked with controllers and minimal APIs, dependency injection, database integration using Entity Framework Core, model validation, exception handling best practices, and token-based authentication using ASP.NET Core Identity.

AI/ML Engineer

MetaServ.Me (Metaverse, EmTech & AI Services)

Nov 2025 – Jan 2026

Contributing to advanced AI, emerging technology, and metaverse-driven solutions. Working on intelligent systems, automation, ML model development, and integration of AI capabilities into immersive digital environments.

Data Analysis Intern

Codveda Technologies

March 2026 – Apr 2026

Worked as a Data Analysis Intern at Codveda Technologies, where I analyzed datasets to extract meaningful insights and support strategic decision-making. I contributed to identifying patterns and trends within data, assisting in improving business initiatives and performance. Throughout the internship, I was involved in multiple data-driven projects that required data interpretation, analytical thinking, and applying various analysis techniques to support the company's objectives.

PROFESSIONAL CERTIFICATES AND DEVELOPMENT COURSES

Machine Learning Course

The Hope International Company

Built a solid foundation of Machine Learning concepts, covering ML types, problems, popular algorithms, and real-world deployment.

Data Modeling in Power BI

Microsoft

Focused on designing efficient data models using relationships, star schemas, and DAX-ready structures to support scalable Power BI reports.

Extract, Transform, and Load Data in Power BI

Microsoft

Covered data cleaning, transformation, and integration using Power Query to prepare reliable datasets for analysis and reporting.

Harnessing the Power of Data with Power BI

Microsoft

Explored building interactive dashboards and reports, applying best practices in data visualization and business insights.

Completed the “Elements of AI” course as part of the Tech Pathways MENA Program, delivered in collaboration with Google.org.

Foundations of Prompt Engineering

AWS Training & Certification

Completed AWS’s “Foundations of Prompt Engineering” program, gaining hands-on skills in designing, optimizing, and evaluating prompts for AI and LLM applications.

SQL and Relational Databases 101

CognitiveClass.ai (IBM Developer Skills Network)

Completed IBM’s SQL and Relational Databases 101 course, covering database fundamentals, querying, relational models, and practical SQL operations.

SQL for Data Science

Coursera

Completed a foundational course in SQL and data analysis, covering data retrieval, filtering, joins, table creation, and data manipulation for real-world datasets. Developed the ability to analyze and structure data professionally to generate insights, support decision-making, and prepare data for data science applications.

PUBLICATIONS

The Role of Artificial Intelligence in Scientific Research & Its Ethics

(Conference Paper)

Bone Fracture Classification using CNN

Oct 2025

Proposed a CNN-based deep learning model for bone fracture classification from X-ray images. The paper emphasizes AI’s role in enhancing diagnostic efficiency and supporting radiologists in clinical workflows.

PROJECTS

- **Graduation Project -AI-Based Multimodal Customer Satisfaction Analysis from Service Calls** – Designed an end-to-end multimodal pipeline integrating speech emotion recognition, ASR, and transformer-based sentiment analysis for automated customer satisfaction prediction.
- **Real World Project - Menu Tech** – Created a food ordering website with dynamic menus, shopping cart functionality, and Telegram-based order notifications.
- **Data Science and Machine Learning Project** – Leveraged a flight price prediction dataset, applied preprocessing, and trained ML models to extract insights.
- **Python Project** – Developed a website to recommend optimal solar cell solutions based on electricity bill inputs, using advanced equations for personalized results.
- **OOP C++ Project** – Built a Movie Booking System to streamline ticket reservations and seat management in theaters.
- **AI Project** – Implemented a recommender system to suggest movies based on user interests and past preferences.
- **Sumo Robotics** – Designed autonomous robots specialized for competitive sumo wrestling.
- **Machine Learning Project** – Predicted road accident severity using ML techniques to enhance traffic safety and resource allocation.
- **Deep Learning Project** – Developed a CNN-based model for automated bone fracture classification from X-ray images, incorporating normalization and Grad-CAM for interpretability, achieving strong results.
- **Mental Health Detection in Arabic Tweets** – Developed an intelligent NLP-based system to identify signs of mental health conditions in Arabic social media posts.
- **Big Bite Donuts Website** – Designed and developed a full-stack web platform for a donut shop with customer-facing pages, admin dashboard, menu and offers management, contact system, newsletter signup, bilingual support (English/Arabic), and integrated chatbot. Built using modern frontend and backend technologies with secure authentication, database management, and responsive UI.
- **Comparative Study of Handcrafted Features and Vision Transformers for Retinal OCT Classification** – Built and evaluated handcrafted (HOG, LBP) and Vision Transformer (ViT) feature pipelines for retinal OCT image classification using SVM, achieving 81.27% accuracy with HOG. satisfaction prediction.
- **Smart Warehouse Management System** – Built and normalized a relational database (up to BCNF) for managing inventory, orders, suppliers, and shipments, using ER/EER modeling and SQL.

SKILLS

English — Microsoft Word — Canva — Notion — UI Design (Figma) — Data Science — Data Analysis — Machine Learning — Deep Learning — Neural Network — Data Structures — OOP (C++, Python) — C++ — Python — SQL — Power BI