MUSTAFA ABUGHAREEBEH

ASPIRING DATA SCIENTIST & AI ENGINEER

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PROFESSIONAL SUMMARY

Data Science and Artificial Intelligence student with hands-on experience in machine learning, deep learning, NLP, data preparation, explainable AI, and analytics. Built socially focused AI solutions in accessibility, healthcare, and content verification, and developed practical experience translating user needs into tested software workflows. Interested in open-source AI, responsible model development, and using data to create measurable community impact.

TECHNICAL SKILLS

Programming & Data: Python, R, Java, C++, SQL fundamentals, Pandas, NumPy, data cleaning, ETL, statistics

Machine Learning & AI: scikit-learn, TensorFlow/Keras, machine learning, deep learning, NLP, transformers/LLMs, model training and evaluation, XAI

Analytics & Deployment: Power BI, Power Query, DAX, data visualization, Flask, REST APIs, Git/GitHub, local open-source model workflows

Professional: Arabic-English communication, requirements analysis, software testing, teamwork, technical presentations, stakeholder support

PROFESSIONAL & PRACTICAL EXPERIENCE

AI Engineering Bootcamp Trainee| Jordan Open-Source Association (JOSA) **May 2026 – July 2026**

- Participated in hands-on AI engineering training covering Python-based data preparation, machine learning, deep learning, NLP, and model evaluation.
- Built and tested AI prototypes using open-source tools, APIs, and local model workflows, with a focus on practical and responsible AI development.
- Collaborated on team-based technical exercises, documented experimental results, and presented project outcomes to instructors and participants.

Programming Trainee | 42 Amman Piscine Amman, Jordan | Jul 2026

- Successfully completed an intensive 26-day, project-based programming program focused on self-learning, problem-solving, and peer collaboration.
- Solved daily programming challenges using C, Unix/Linux, Git, and command-line tools.
- Strengthened algorithmic thinking, debugging, time management, and teamwork through peer-to-peer learning and practical evaluations.

Test Venue Staff - Marshall | British Council - Amman, Jordan **Apr 2026 - Present**

- Support secure examination delivery, candidate entry procedures, room preparation, and on-site coordination while following strict operational standards.
- Provide clear bilingual assistance to candidates and collaborate with venue teams in a time-sensitive, high-accountability environment.

EDUCATION

B.Sc. in Data Science & Artificial Intelligence | Al al-Bayt University **Oct 2023 - Expected Jun 2027**
Mafraq, Jordan | GPA: 3.42/4.00 | College Honor Board recognition | Relevant coursework: Machine Learning, Deep Learning, NLP, Data Mining, Statistics, Algorithms, Databases, Data Structures, Operating Systems, and Web Technologies.

SELECTED AI & DATA PROJECTS

Doctor AI - Explainable Medical Diagnostic Platform **Nov 2025 – Jun 2026**

Contributed to a team-built medical AI platform that integrates TensorFlow deep-learning models and explainability features for eight diagnostic pathways. The project was a finalist in the Jordan Students Pitch Competition 2025. GitHub

Noor - Assistive AI for Blind and Deaf Users **Oct 2025 – May 2026**

Developed the concept and prototype for a real-time accessibility application combining scene description, OCR, sign-language conversion, and a caregiver dashboard. Awarded 2nd place at the Mafraq Governorate AI Hackathon 2025.

Demo

Mowthooq - NLP Content Verification & Authoring Assistant

Designed an AI product concept for content creators featuring news verification, spelling support, text-to-speech, and responsible content workflows; presented during the Tech3arabi AI Hackathon.

U.S. Hospital Performance & Health Tourism Dashboard **Mar - Apr 2026**

Built an interactive Power BI dashboard using public CMS and International Trade Administration data. Performed cleaning, data modeling, Power Query transformations, DAX measures, and visual analysis of quality, safety, patient experience, and tourism spending. Presentation

TRAINING & CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals (AI-900), Jun 2026
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate, Aug 2025
- European Reference Framework (ERF) Key Competence - EQF Level 5, Nov 2025
- ERF Competences—Lifelong Learning Skills within the European Framework | JYIF | 120 Hour | August 25
- Cisco Networking Academy - Python Essentials 1 & 2
- Aspire Leaders Program 2025 — Completed all modules (40 hours)
- Dubai Future Foundation - One Million Prompters for Artificial Intelligence, Jul 2025
- GAME Jordan — Entrepreneurship & Project Management (19 hours)
- Hello Future 101 — Digital Foundation & Entrepreneurship (28 hours)

AWARDS & COMPETITIONS

- 2nd Place - Mafraq Governorate AI Hackathon 2025, Jordan Engineers Association (Noor).
- Finalist - Jordan Students Pitch Competition 2025, Queen Rania Center for Entrepreneurship (Doctor AI).
- Participant - IEEE Jordan AI Modeling Hackathon, ICPC Jordan 2024, IEEEXtreme 19.0, CodeScape, and Zain & Nokia AI Bootcamp.

LEADERSHIP & VOLUNTEERING ENGAGEMENT

Student Volunteer | LOYAC Jordan - Amman, Jordan **May 2026 - Present**

- Participate in LOYAC Jordan's summer training program, including career-readiness workshops, practical training, and community service activities.
- Support volunteer tasks and youth-focused community initiatives.
- Develop teamwork, communication, and workplace-readiness skills through structured training and volunteering.

Treasurer | IEEE Computer Society - AABU - Mafraq, Jordan **Jan 2025 - Jan 2026**

- Managed budget tracking and expenses and supported the planning of technical activities and student events.

Volunteer & Event Support | Jordan-based community initiatives - Amman, Jordan **2025 - 2026**

- Supported TEDxAmman, TEDxUniversity of Jordan, LOYAC Jordan, UNICEF World Children's Day, Global Entrepreneurship Week, Robot Football Olympics 2025, Europe Day 2026, and the PNT Heritage Award 2026.

LANGUAGES

Arabic: Native | English: Professional working proficiency TOEFL iBT Score Report – CEFR Level B2