

MAJD BARGHOUTI

AI ENGINEER / SOFTWARE DEVELOPER 📍 RAMALLAH, PALESTINE, STATE OF 📞 +970599717464

◦ DETAILS ◦

Ramallah
Palestine, State of
+970599717464
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Nationality
Palestinian

◦ LINKS ◦

[TasawurAI](#)
[Github](#)
[My portfolio](#)

◦ SKILLS ◦

Python
JavaScript
TensorFlow
Keras
OpenCV
Azure DevOps
SQL
Data Cleaning
Model Deployment
Machine learning
Problem Solving
Teamwork
Communication

◦ LANGUAGES ◦

English
Spanish
Arabic



PROFILE

AI Engineer with a solid foundation in software architecture, ML model development, and computer vision. Experienced in deploying AI-powered systems for automation, OCR, and sustainability applications. Passionate about leveraging AI for real-world impact in healthcare and environmental innovation.



EMPLOYMENT HISTORY

Software Development Intern at Storyme, MENA

Jul 2023 — Dec 2023

- Applied **Agile methods** (Scrum, Kanban) using **Azure and Bicep**
- Integrated **AI into web projects** with **Python, TensorFlow, and Keras**, leveraging **CNNs and NLP** to improve user experience.

AI/ML Model Developer at AL Mashreq ins, MENA

Dec 2024 — Jul 2025

- Built **ML models** for **text extraction and recognition** from IDs, driver licenses, and car licenses in **Arabic, Hebrew, and English**.
- Developed a **passport OCR system** capable of processing all passport types.
- Created an **AI-powered job screening model** to automate and improve **HR recruitment**.

Freelancer, MENA

Aug 2025 — Present

- Built ML algorithms for **product extraction, cleaning, and price matching**, optimizing duplicate handling and error correction.
- Developed **truck tracking and trip playback systems** with **automated ML-based billing** for waste management.
- Implemented **data-driven solutions** to enhance operational efficiency in waste collection processes.

Software Developer at Bank of Palestine, Ramallah

Feb 2026 — Present

- Built and deployed a smart municipal-transactions dashboard for municipalities and the Prime Minister's Office.
- Managed full-stack development, database administration, server deployment, and role-based user access.



EDUCATION

International Baccalaureate (IB), Friends boys School, Ramallah

Sep 2018 — May 2020

Bachelor in Computer science and Artificial intelligence, IE University, Madrid

Sep 2020 — Jul 2024

- Key Courses: Applied ML using graphs, ML for healthcare, NLP, computer vision, intro to RL 1 and 2, AI chat bots and recommendations, statistical learning and more
- Capstone Project: From Generation to Validation: A Combined RANC and GNN Approach for Novel Drug Discovery Adhering to Molecular Constraints



EXTRA-CURRICULAR ACTIVITIES

Datathone at RYAN AIR , Madrid

Oct 2022

- Built ML model to predict aircraft takeoff weight (MAE: 816) and proposed CO₂ reduction plan.
- Won the first prize with my team

Datathon at NTT data and o9 Solutions , Madrid

Feb 2023

- Designed binary classifier (ROC: 0.9) for gas network fault prediction.
- Won 4th place