

Abdallah Zeine Elabidine

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PROFESSIONAL SUMMARY

AI Engineer specializing in Django web development, building AI-powered applications. Committed to solving complex problems, driving innovation, and mastering new technologies.

SKILLS

Languages & DBMS: Python, JavaScript, Java, SQL, PostgreSQL, MySQL

Frameworks & Libraries: Django, HTMX, Tailwind CSS, PyTorch, TensorFlow, scikit-learn, React

Dev & Ops: REST APIs, External API integrations, AWS, Docker, Git, GitHub, Nginx

Soft Skills: Detail-oriented, Problem Solving, Public Speaking, Strategic Planning, Team Leadership

EDUCATION

Bachelor of Applied Science - BASc Data Sciences & Artificial Intelligence

10/2022 - Present

Al Ahliyya Amman University • GPA: 3.71/4.00

CERTIFICATIONS

IBM AI Engineering Professional

06/2025

IBM

Google Prompting Essentials

06/2025

Google

Meta Back-End Developer

02/2025

Meta

PROJECTS

FinAI – AI-Powered Fintech Assistant

- Built a full-featured AI-powered Personal banker application.
- Helps users efficiently manage accounts, discover offers, and make informed decisions.
- **Tech:** Django, HTMX, Tailwind CSS, External API integrations ([http://requests](#))

Lung Cancer MRI Classification Model

- Developed a deep learning model for multi-class classification of lung cancer MRI scans, capable of detecting various tumor types.
- Collected and merged multiple datasets (IQ-OTH/NCCD, PMC, TCIA) and applied GAN techniques to balance the data for improved performance.
- Utilized a ResNet-based architecture, achieving 91% accuracy on unseen test data with a stable recall of 94%.
- **Tech:** PyTorch, GANs, ResNet, Python

OCR Deep Learning Model

- Designed and implemented a custom OCR architecture in PyTorch, with advanced optimization techniques to improve recognition performance.
- Achieved 93% accuracy on real-world tests with 1,000+ images, successfully solving complex CAPTCHA designs.
- Built a Tkinter-based desktop interface for real-time text extraction and testing of the model.
- **Tech:** PyTorch, Tkinter, Python

Hfawa – Charity Event Scheduling System

- Developed a web system for a charity in Makkah to streamline event scheduling for new Umrah and Hajj visitors.
- Powered by PWA web technology to provide a mobile-friendly experience.
- **Tech:** Django, HTMX, Tailwind CSS, PWA, REST API, Nginx, VPS hosting

AWARDS & SCHOLARSHIPS

3rd Place in Fintech Rally: University Edition

07/2025

JOPACC

Local Programming Contest

11/2023

Al Ahliyya Amman University

VOLUNTEERING & LEADERSHIP

IEEE CS Chapter – AAU Club • Event Coordinator

03/2025 - Present

Data Science & AI - AAU Club • Course Manager

10/2024 - 06/2025