

# Abdallah Zeine Elabdine

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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.

## EDUCATION

### Bachelor of Applied Science - BASc Data Sciences & Artificial Intelligence

10/2022 - Present

Al Ahliyya Amman University · GPA: 3.71/4.00

## SKILLS

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

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

DevOps: External API integrations, Docker, Git, GitHub, Nginx

Hobbies: Photographer, Photo editing

## CERTIFICATIONS

### IBM AI Engineering Professional

06/2025

IBM

### 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 ([httpx](#)/[requests](#))

### Hfawa – Charity Event Scheduling System

- Developed a web system for my FIRST CUSTOMER 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

### Django OCR System – AI-Powered Data Extraction

- Built a structured data extraction system for invoices and quotations using the Gemini API.
- Leveraged LangChain and advanced prompt engineering to accurately extract product lists and save structured quotes.
- Containerized and deployed the application using Docker for sharing APP with others.
- Tech:** Django, LangChain, Gemini API, Docker, Prompt Engineering

### 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.
- Tech:** PyTorch, Tkinter, Python

## AWARDS & SCHOLARSHIPS

### 3rd Place in Fintech Rally: University Edition

07/2025

JOPACC & JOIN Fincubator

### 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