

# ODAI AYYAD

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## SKILLS

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- **AI Skills:** AI Agents | LangChain | LangGraph | LLMs | RAG | Prompt Engineering | Transformers
- **Technical Skills:** Python | Statistics | C++ | Problem Solving | Git | Scikit-learn | TensorFlow | Keras | YOLO
- **Languages:** Arabic, Native | English, Upper Intermediate

## PROFESSIONAL EXPERIENCE

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**Fab Lab Intern**      **The Makerspace – Crown Prince Foundation – Jordan**      **Mar 2025 – Nov 2025**

- Designed and modeled **20+** complex **2D** and **3D** projects using **Fusion 360**, applying digital fabrication techniques for rapid prototyping and manufacturing.
- Operated and maintained **laser cutters**, **vinyl cutters**, **CNC machines**, **3D printers**, and basic **electronics tools**, ensuring precise assembly and successful project completion.

**Data Annotator Freelance**      **Alignerr – Labelbox – Remote**      **Jan 2025 – Oct 2025**

- Executed diverse, high-precision annotation projects, including real-time **video stream labeling** (e.g., product/nutrition facts identification) and **millisecond-level voice transcript** segmentation for model training data.
- Evaluated and compared large language model (**LLM**) responses using structured rubrics across multiple categories, resulting in improvement in model reliability and accuracy for major AI evaluation projects.

**AI Intern**      **Unihance – Jordan**      **Nov 2024 – Jun 2025**

- Developed **machine learning** models (regression, classification, clustering, association rules) using Pandas, NumPy, and Scikit-learn, with hands-on work in **ANNs**, **CNNs**, **RNNs**, **Transformers**, **LLMs**, **RAG**, and **agentic AI** workflows.
- Built applied AI solutions using **LangChain**, **LangGraph**, and **OpenAI APIs**, integrating tool-chaining, memory, and **prompt engineering** into functional agent systems.
- Engineered a real-time **YOLOv11** traffic safety system—trained on **14,800+** images for driver monitoring and traffic-sign detection—achieving **94.7%** mAP50 and **89.2%** mAP50–95; the project was ranked among the **top 7** in a cohort of **125** interns due to strong technical performance.
- Created a multi-tool **YouTube AI Agent** automating content strategy generation (titles, descriptions, thumbnails, posting times, and analytics) using **GPT-4o** and **GPT-3.5**, earning positive feedback during internal program evaluations.

## EDUCATION

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**Samsung Innovation Campus (SIC) – AI and Machine Learning Program**

Samsung, Remote

Aug 2025 – Oct 2025

**Professional Development Training for Tech Roles Program**

Correlation One – USAID, Remote

Oct 2024 – Jan 2025

**Bachelor's Degree in Artificial Intelligence and Data Science**

Tafila Technical University, Jordan

2020 – 2024

## COURSES AND CERTIFICATES

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**AI Agents & Transformers** – Unihance.

**Machine and Deep Learning** – Unihance.

**LLMs & GPT** – Unihance.

**Statistics and Data Modeling** – Unihance.

**Introduction to Power BI** – Qafza.

**Python Basics for Data Science** – edX.

## VOLUNTEERING EXPERIENCE

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**Leadership Roles**

**IEEE Young Professionals Jordan Affinity Group**

Feb 2021 – Present

- **Directed Large-Scale Events:** Led logistical and program coordination for **10+** major **local** and regional congresses (including **MESYP Congress** and **YP Mentoring-Meet**), ensuring smooth operations and achieving **95%** attendee satisfaction.
- **Team Development & Mentorship:** Recruited, onboarded, and formally mentored **100+** committee members and volunteers, guiding organizational structure and building team capabilities across multiple chapters.
- **Strategic Outreach:** Represented the organization at **10+** major industry events (e.g., **Xpand** Conferences, IEEE Day), engaging with **2,500+** attendees to promote strategic initiatives and drive membership growth.