

Ghina Daoud

daoudghina@gmail.com | Beirut-Lebanon
+961 81685862 - [Ghina Daoud](#)

JUNIOR AI ENGINEER

Highly motivated 4th-year Telecommunications and Computer Engineering student with 6 months of internship experience in AI. Successfully developed a research project on layout detection for Arabic newspapers. Deep knowledge in machine learning algorithms and deep learning. Experienced in applying AI through leading an AI community at my university. Passionate about building and applying AI solutions for real-world problems and continuously expanding my knowledge in deep learning frameworks like PyTorch.

SKILLS

Large Language Models LLM	Python	Deep Learning
RAG	Pandas	C/C++
LLamaIndex	Numpy	Tensorflow
OpenCV	Scikit-Learn	Jira

EXPERIENCE

White StorkAug 2023 - Jan 2024
Machine Learning Intern

- Led a workshop on AWS DeepRacer, an autonomous racing car powered by reinforcement learning, at AWS Community Day in Lebanon
 - Developed and researched a project on layout detection for Arabic newspapers. Collaborated on the PyTorch-based layout detection model and integrated Google OCR service for Arabic text recognition.
 - Implemented image processing techniques to enhance layout detection accuracy, achieving a substantial improvement over baseline methods.
 - Researched and evaluated the potential of Retrieval-Augmented Generation (RAG) for Arabic text.
 - Contributed in the preparation of a proposal utilizing RAG and OpenAI API for a specific law case, demonstrating the application of this technology for real-world legal text analysis.
-

EDUCATION & CERTIFICATES

Computer and Telecommunication Engineering
Lebanese University
Faculty of Engineering III2020- 2025

Data Scientist Professional with Python
Track included 31 courses, 6 projects
and 3 skill assessments
DataCamp2022-2023

Supervised Machine Learning: Regression
and Classification
Advanced Learning Algorithms
DeepLearning.AI - Coursera2023

VOLOUNTEERING

Founder and President, AI Community2023
Lebanese University, Faculty of Engineering

- Established and led a student AI community, hosting weekly AI sessions to build foundational knowledge and practical skills.
- Organized workshops (e.g., Prompt Engineering) and events, fostering a collaborative learning environment for students interested in this field