BLOUZ ELGHALI

19 Avenue Jean Jaurès 78500 Sartrouville, France · blouz.elghali@gmail.com · +33 7 61 74 20 59 · in El Ghali Blouz

Data Scientist Looking for a 6-month internship starting April 2025

Graduated AI Engineer with technical expertise in Artificial Intelligence and Data Science | Currently enhancing business and analytical skills through advanced studies at KEDGE Business School | Skilled in leveraging Data Analysis for strategic solutions.

Education And Certification

Education

KEDGE Business School	2024 - Current
MSc Master of Science in **Data Analytics For Business**	Bordeaux, France
Ecole Nationale Des Arts et Métiers ENSAM	2021 - 2024
Engineering degree in **Artificial Intelligence and Data Science**	Meknes, Morocco
Preparatory class for engineering schools - MP	2019 - 2021
2 years intensive course in advanced mathematics and physics	Marrakech, Morocco

Certification

Coursera: IBM AI Engineering Professional Certificate
Coursera: Deep Learning Specialization By DeepLearning.AI
Coursera: Generative AI with Large Language Models

Work Experiences

Data Scientist NLP LLMs - KEDGE-Winu Consulting - Paris, France — October 2024 - March 2025

ATS (Applicant Tracking System)

- Developed a strong resume parsing system that extracts and categorizes each section (e.g., personal details, work experience, education, skills) into a structured JSON format, ensuring data consistency across different resume formats.
- Optimized the workflow to achieve high accuracy in handling resumes exceeding five pages, effectively parsing complex document layouts with multi-column structures and embedded tables.
- Designed and implemented a job-resume matching algorithm that utilizes NLP techniques to define scoring criteria, improving the precision of job recommendations based on candidate profiles.

    Main Skills: LLMs, RAG, Python, API Development, FastAPI

AI Research engineer - AI movement - Rabat, Morocco — 2024 - 6 months

Goal-Oriented Chatbot Development Using Hybrid Architectures

- Developed an intelligent agent for natural language processing by integrating the BDI (Belief, Desire, Intention) model with large language models to create a goal-oriented chatbot.
- Built a Retrieval-Augmented Generation (RAG) application and conducted a comparative analysis of the BDI model approach versus conventional methods, enhancing multi-objective reconciliation and chatbot performance.

    Main Skills: LLM's, RAG, BDI, Reinforcement Learning, Python

AI engineer - AI movement - Rabat, Morocco — 2023 - 3 months

Virtual Reality Application for Guided Medical Simulations

- Designed and developed a virtual reality application for immersive medical training using Unity and Oculus Quest 2.
- Leveraged Blender for creating and animating 3D avatars, and integrated AI algorithms to generate 3D reconstructions and dynamic animations, delivering a cutting-edge solution for guided medical simulations.

    Main Skills: C#, Unity, Blender

Internship – Winu Consulting – France : — 2022 – 2 months

Invoice Generation Web Application Development

- Designed and developed a full-stack web application for client invoice generation using Angular as the primary framework.

    Main Skills: Angular

Academical Projects

Academic project - ChatGiiads: LLM Open Source for industrial application — 2023

Designed and implemented a resource-efficient open-source large language model (LLM) through extensive research and applied LoRA fine-tuning techniques to optimize performance.

Academic project - Employee Work Schedule Optimization Using AI — 2023

Used heuristic algorithms and machine learning models to optimize employee work hours. The solution enhanced productivity while minimizing fatigue and stress levels through intelligent workload distribution.

Academic project - Fraud Detection for an insurance company — 2023

Executed a machine learning project focused on fraud detection, encompassing advanced data preprocessing, training of multiple models, and rigorous evaluation using diverse performance metrics to ensure accuracy and reliability.

Skills

Languages: – English: Fluent   – French: Fluent   – Arabic: Native

Programming Language & Frameworks:

– Python	– SQL	– Latex	– C# (Unity)
– Linux	– Git	– Pytorch	– Tensorflow

Skills:

– Machine Learning	– Deep Learning	– Reinforcement Learning	– Data Science
– Data Analytics	– Data Visualization	– Agile	– NLP & LLMs
– Computer Vision	– AI	– RAG	– Time Series