FATIMA ZOHRA YOUCEF

Data scientist/Engineer, Holding a PhD in Artificial Intelligence (LLM & GenAl). Known for my passion for Al, along with a strong self-motivation and a consistent work ethic.

fatimazh.youcef@gmail.com

**** +33 758632465

Paris, France

in linkedin.com/in/fatima-youcef/

github.com/Fatima-Usf

EXPERIENCE

Senior Data scientist/Engineer at Mangabey

Hybride full time

Apr 2023 - Present

Paris, France

keywords: Data Pipeline, Machine learning, Deep Learning, Generative AI, Data Modeling, Advanced Data Processing, Automation Scripts, Code Optimization, Technical Mentorship, Scalability Solutions

Data Scientist/Engineer at Yassir

Remote - Part Time

Perlin, Germany

keywords: Fraud Detection, AI deployment, Cancellation Trends, Data-Driven Security, Ride-Sharing Analytics, Operational Integrity

R&D Data Scientist at L'agence Courrier

Remote - Part Time

Avr 2020 - Dec 2020

Paris, France

keywords: R&D in Al

Junior Data Scientist at IT Developers Company

Freelance

2019

Oran, Algeria

keywords: small projects based on machine learning

Backend and data Engineering

Freelance

Mov 2017 - Apr 2019

Oran, Algeria

keywords: SQL, NOSQL, python, django, kubernetes, flask, FastAPI

LANGUAGES

English

French

Arabic

EDUCATION

Generative AI: PhD collaboration Specialization in LLM and Transformers

♀ Sorbonne Paris 13, France

keywords: Generative AI, Deep learning, Transformers, Sentiment analysis, text Mining.

Al in healthacare : PhD collaboration Specialization in Machine learning and Deep learning

Q Deakin University, Australia

During this collaboration, I developed advanced deep learning models in partnership with researchers from Deakin University and hospitals. This work encompassed the entire pipeline, from data preprocessing to building models and generating accurate predictions.

PhD in Artificial Intelligence Specialization in LLM and Genrative AI

Q University of Oran 1, Algeria

Decoding Patient Feedback: Leveraging Sentiment Analysis for Enhanced Insights into Medical Experiences

keywords: Natural language Processing (NLP), Large Language Mode (LLM), Text Mining, Deep learning, Transformers, Sentiment analysis, Optical character recognition (OCR), Generative AI, healthcare.

Master degree in Artificial Intelligence

Specialization in machine learning

Q University of Oran 1, Algeria

Master Thesis: Bilingual Sentiment Analysis to improve the selection of industrial zones based on SA-GIS- PROMETHEE integration.

keywords: Text Mining, NLP, ML, Sentiment Analysis, GIS, AI deployment.

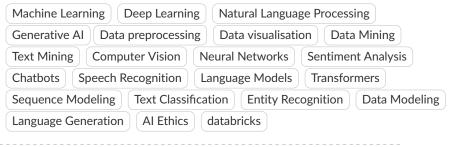
Bachelor degree in Computer Science

pecialization in data engineering

♀ University of Oran 1, Algeria

SKILLS

Artificial Intelligence Domain



Programming languages

Python	java	R	PySpark	Scala
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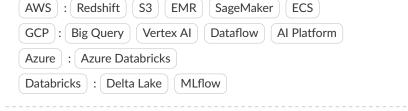
Python Libraries

Tensorflow	Keras	Pytorch	cvtagPandas	NumPy	Sklearn	SciPy
Matplotlib	Plotly	OpenCV	Transform	ers		

Data management

ETL	SQL MYSQL	NOSQL	ostgreSQL

Cloud



Production & Deployment

ig(FastAPI ig),	, $(Kubernetes)$,	TFServing),(TorchServe	,	Docker	MLOps
MLflow	NIFI						

BI Frameworks and Tools

QlickView	QlickSense	Tableau	

Versioning

Web Development

HTML5	CSS3	Django	DRF	Flask

Other



ACHIEVEMENTS

Research paper in AI |2021



Published a research paper on AI at an international IEEE conference.

National PhD Competition |2020



Won the second PhD position in the Algerian national competition, standing out among hundreds of thousands of participants.



International Symposium on IT for Innovate Tourism in ORAN |2019 Won 1st IT solution prize at " CITY Oran'19"- 2019

VOLUNTEERING

- Former active member at Team Open Mind Oran club. A club of computer science students at Oran university. This club aims to spread the open-source culture and to break the ice with new technologies by trying, sharing, learning and working for an open-minded generation.
- Inspired by Django Girls, I founded the CoGirls Club, a scientific society aimed at empowering women in IT. The club's primary mission is to encourage young women to learn coding and confidently navigate the challenges of the Al-driven world. It promotes the creation of a supportive IT community exclusively for girls. The club has garnered success in numerous competitions and has hosted a variety of programming workshops and seminars.
- Previously an active member of GDG Oran (Google Developer Group Oran), a community committed to fostering creativity and interdisciplinary values among technology enthusiasts, with a strong focus on advancements in computer science.
- Led the organization of the first IT Oran Hackathon 2018 (Openhackathon), spearheaded by Team Open Minds Oran, which cultivated innovation and networking among IT enthusiasts.