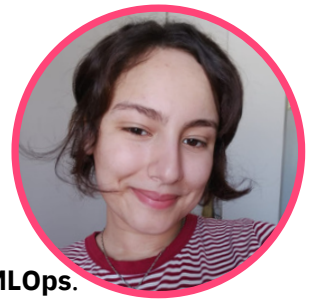# Yasmina Elkhazen

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About Me

I'm passionate about **artificial intellligence** and **data science**, hoping to pursue a career in **MLOps**. My academic journey has equipped me with a strong foundation in mathematics and programming which I apply to develop innovative solutions to complex problems.

Education

University of Tunis, Higher National School of Engineering of Tunis - ENSIT Applied Mathematics and Modeling Engineering Degree	2022-2025
University of Carthage, Prepatory Intitute of Bizerte - Math/Physics rank:608/1800	2020-2022

Experience

Data Science Instructor, GoMyCode — Sep 2024–Oct 2024

- Assisted a group of 11 professionals to help them with their professional reconversion
- keywords: Teaching, Machine Learning, deep learning, , Python, CRISP-DM.

AI Engineer Intern, Yopex — Jul 2024–Aug 2024

- Designed and implemented a content-based recommendation system using artificial intelligence techniques.
- keywords: LLM, NLP, Flask, Python.

Machine Learning Intern, Caustaza Group LTD — Jun 2024–Aug 2024

- I automated organization tools using nlp techniques with 0.98 f1 score accuracy ensuring seamless user exp
- I optimized a DNS verification ml model based on Xgboost ensuring platform security with 0.96 R2 accuracy.
- keywords: NLTK, Sci-kit learn, keras, pandas, django, google cloud plateform

Machine Learning Intern, NextGRC-ITC — Jul 2024–Aug 2024

- Developed a classification model using KNN classifier with an accuracy of 0.84 to identify internal risks and implemented it to nextgrc plateform.
- keywords: internal audit, risk governance and compliance, fastAPI, git, github, docker

Data Science Intern, SBC-Délice Danone — Aug 2023–1mo

- Collected and preprocessed consumers data and performed behaviour analysis using statistical tools.
- keywords: data cleaning, data visualization, powerBI

Skills

Programming Languages: Python, C++, C, Java, PL/SQL, HTML, CSS, JavaScript, Matlab
Database Management: Microsoft SQL Server, PostgreSQL, MongoDB
Machine Learning Frameworks: TensorFlow, Keras, PyTorch, NLTK, SpaCy, Hugging Face, Ollama
MLOps: Git, Docker, ZenML, MLflow, Linux
Web Technlologies: React, Flask, Django, SpringBoot..

Certifications

Azure AI fundamentals AI-900	Microsoft
Azure Data Fundamentals DP-900	Microsoft
Azure Fundamentals AZ-900	Microsoft

Projects

- **STrack**: Real-time Satellite Tracking Web App || ReactJS, Flask, Firebase, Web Scraping, OpenStreetMaps.
- **Blink2Morse**: Helps people with special needs communicate by blinking || OpenCV, Mediapipe, Streamlit

Socio-Cultural Activities

Marketing Manager I collaborated on data-driven projects with new students.	Nerdata Ensit Club
Commercial Development member Managing and prospecting projects	Ensit Junior Entreprise