Mayssa Mayel

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EDUCATION

National School Of Electronics And Telecom Of Sfax   **Sfax, Tunisia**
B.S. in Industrial Computer Science Engineering   *Expected Graduation, june 2025*
- o **Related Coursework:** Data Structures & Algorithms, Database Management, Data Visualization, Probability & Statistics, Discrete Mathematics, Machine Learning, Artificial Intelligence, Object-Oriented Programming,web development

Preparatory Institute for Engineering Studies of Sfax (IPEIS)   **Sfax, Tunisia**
scientific preparatory cycle :physics-chemical   *sep 2020, july 2022*
- o **Related Coursework:** Data Structures & Algorithms, Advanced Calculus , Linear algebra , Object-Oriented Programming, Statistics , SQL , Python

EXPERIENCE

Quebec Training Center   **Tunis, Tunisia**
Data Science Intern   *JULY 2023– Aug 2023*
- Collaborated on a dynamic project focusing on data extraction, dataset refinement, and quiz generation using French quizzes
- Developed a Python script for quiz creation, contributing to the development of an innovative educational resource
- Led the transformation of raw PDF quizzes into a structured dataset and implemented natural language processing models for question variant generation

PROJECTS

Final Year Project
Real-time Sales Analytics Interface for Restaurant and Coffee Shop   *Dec 2023 – current*
- Developed a real-time video acquisition interface from a webcam
- Implemented precise object detection for cafe items, ensuring accurate sales quantification
- Deployed the model at the interface for user-friendly access
- Enabled businesses to track sales for each item, providing valuable data-driven insights

Personal Projects
Face mask detection using CNN   *Dec 2023*
Spam detection system   *june 2023*

ACTIVITIES AND LEADERSHIP

TUNSA ENETCOM   **Sfax, Tunisia**
Vice President & Co-Founder   *nov 2023 – Current*
- Co-founded TUNSA ENETCOM , The student branch of the tunisian space association , establishing three innovative departments (AI , OBC , SPACECOM)
- Currently lead workshop and training coordination, ensuring seamless execution and fostering positive learning experiences

ENET'Com Junior Entreprise   **Sfax, Tunisia**
Project team and event team and sponsor team member   *sep 2022- Current*
- Gained comprehensive skills in project management, technical expertise, and demonstrated strong teamwork and leadership within the ECJE Club, fostering a well-rounded professional aptitude

SKILLS

Technical Skills: Machine Learning ,Deep Learning , Transformers , LLM's , Data Modeling ,Data Cleaning and Transformation ,Computer Vision

Software & Tools: SQL, Python,Flask, Jupyter Notebooks, Git, Docker, Linux, Kaggle, HTML/CSs,JavaScript, Java ,C++,Visual Studio

CERTIFICATIONS

Machine Learning Specialization issued by Coursera & Stanford university   *Dec 2023*
Azure AI Fundamentals   issued by Microsoft   jun 2023

LANGUAGES

English : Fluent **French** : Fluent **Arabic**: Native