

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 Enterprise

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 , 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