WAFA MEDDEB

AI ENGINEERING STUDENT

📍 Monastir, Tunisia   📞 +216 93 788 978

✉ wafa.med61@gmail.com   🔗 wafa-meddeb

AI Engineering student with a passion for applying artificial intelligence and data-driven methods to real-world problems. Skilled in teamwork, adaptability, and time management, with hands-on experience in both academic projects and global initiatives. Motivated to grow in innovative, impact-driven environments.

SKILLS

- **AI & Data Science:** R, Machine Learning, Deep Learning, NLP , Explainable AI
- **Programming Languages:** Python, Java (OOP), C
- **BI Tools:** Talend, SSIS, SSMS, Power BI
- **Databases:** SQL, PL/SQL

EDUCATION

Computer Science Engineer specialized in Artificial Intelligence
Esprit School of Engineering
2024 – current
Ariana, Tunisia

Bachelor Degree in Applied Mathematics
Esprit School of Business(ESB)
2021 – 2024
Ariana, Tunisia

Baccalaureate in Mathematics
Ksibetel Mediouni High School
2021
Monastir, Tunisia

PROFESSIONAL EXPERIENCE

Data Science Intern , MEDIANET
Semantic data processing in relation to SEO
Feb 2024 – Jul 2024
Ariana, Tunisia

- Prepared the Raw data for Modeling using Python functions.
- Created and trained predictive multioutput classification models for search query analysis.
- Built Regression models to forecast search volumes.
- Designed and implemented dashboards for data visualization and trend monitoring using Power BI.
- Deployed models and dashboards in a Django web interface.

Business Intelligence Intern , MAE Assurances
Jun 2022 – Jul 2022
Tunis, Tunisia

- Data cleaning using Excel.
- File processing using Python.

ACADEMIC PROJECTS

NeuroAi
- Creating an AI tool to facilitate more effective communication between patients and psychiatrists, improving support and understanding in psychological care.

Data Warehousing & Predictive Modeling for Air Quality
- Collaborated on building a data warehouse and interactive Power BI dashboards using air quality data.
- Developed regression models for emissions forecasting.
- Applied clustering/association rule mining to detect patterns.
- Deployed the solution as a Django web app for real-time air quality insights.

Data Science Project
- Scraped historical stock data for SBUX from Nasdaq using the Scrapy library.
- Built interactive dashboards with Power BI.
- Applied LSTM for time series forecasting to predict future stock trends.

Stroke Prediction
- Leveraged supervised and unsupervised learning to predict stroke risk in patients.

Face Mask Detection
- Implemented a YOLOv8 model to detect proper face mask wearing.

CERTIFICATES

- Fundamentals of Deep Learning (Nvidia)
- Fundamentals of accelerated computing with CUDA python (Nvidia)
- Generative AI with diffusion models (Nvidia)

LANGUAGES

- Arabic (Native)
- English (IELTS 6.5 (B2))
- French (DELF B2)

ASSOCIATIONS & PROGRAMS

Tunisian Association for Artificial Intelligence (ATIA)
Member- ESB Branch

Oct 2023 – Oct 2024
Ariana, Tunisia

Soliya Connect Program
Virtual Participant

Apr 2023
Remote

Association for Environmental Promotion and Protection (A2PE)
Active Member

Apr 2017 – Sep 2021
Monastir, Tunisia