Taktak Siwar
Data Science Engineering Student

✉ Siwar.Taktak@esprit.com   📞 +216 52 273 233   📍 L'Aouina, Tunisia   in Siwar Taktak   ⬡ Siwar Taktak

Profile

I am a 2nd year Data Science engineering student(International Class) at ESPRIT (Higher School of Engineering and Technology), I possess a solid foundation in data analysis, machine learning, and business intelligence along with strong communication skills. I am passionate about turning data into actionable insights and am eager to contribute to innovative projects in the tech industry.

WORK EXPERIENCE

Summer Internship, *Prologic Tunisia*   07/2024 – 09/2024
- Analyzed and visualized data to support strategic decision-making across departments.
- Gained hands-on experience in data management, reporting, and the use of BI tools.
- Assisted in the centralization of data from multiple applications (GLPI and PMA) and helped design a dashboard to monitor key performance indicators.

Summer Internship, *Bank Of Tunisia*   07/2022 – 08/2022
- Prepared branch backup servers and automated the reinstallation of operating systems.
- Installed and configured essential software, including Microsoft Deployment Toolkit (MDT) and System Center Configuration Manager 2012 (SCCM 2012).
- Performed BIOS configuration to enable operating system installation via network (PXE boot).

Projects

TacticSense – Football Analytics Platform, *Academic Project – 4th Year Data Science(Ongoing)*
Technologies: Python, Angular, Spring Boot, Pandas, Scikit-learn, Matplotlib
- Developed a data-driven platform to analyze football tactics and player performance using machine learning, Python, Angular, Spring Boot, and data visualization tools.
- Collected and processed real-world match data to extract insights on team formations, player movement, and game patterns.
- Applied clustering and classification models to detect play styles and key performance indicators (KPIs) for teams and players.
- Aimed to assist coaches and analysts in making data-informed tactical decisions.

FoodForAll – Food Donation & Redistribution Platform, *Academic Project – 3rd Year*
Technologies: Java, Symfony, MySQL
- Designed and developed a platform to facilitate food donations from individuals and restaurants to people in need.
- Implemented user authentication, donation management, and real-time availability tracking features.
- Used Java for backend logic and Symfony framework for the web interface, ensuring a smooth user experience.
- Focused on minimizing food waste while connecting donors with local charities and NGOs.

VOLUNTEER EXPERIENCE

IEEE ESPRIT SB, *Event Manager of the PES Chapter.*   2021 – 2022

IEEE ESPRIT SB, *Vice President of the PES Chapter.*   2022 – 2023

Skills

Soft Skills
- Communication,Emotional and social Intelligence
- Teamwork, Critical Thinking,Time Management
- Motivation,Creativity,Active Listening
- Stress Management,Multitasking

Technical Skills
- **Programming & Frameworks:** Python, Java, Angular, Spring Boot, Symfony,QT,JavaScript, HTML, CSS
- **Data Analysis & Machine Learning:** Scikit-learn, Pandas, Matplotlib, Data Cleaning, Feature Engineering, Model Evaluation
- **Databases & BI Tools:** MySQL, Power BI
- **Development & DevOps:** Docker, Git,Github

EDUCATION

Data Science Student, *University of ESPRIT*   2021 – 2026

Baccalaureate in Mathematics, *L'Aouina High School.*   2017 – 2021

CERTIFICATIONS

Coursera
Introduction to psychology

"National Microsoft Technologies Camp" (NMTC) 4th edition 2023.
Certificate of participation

NVIDIA
Fundamentals of Deep Learning

DataScientist.fr
Fondamentaux Kubernetes

DataScientist.fr
Introduction au RAG avec LangChain

DataScientist.fr
Introduction à Docker

Coursera
Emotional and Social Intelligence

Mariem Kharrat
AI & Microsoft Technologies conference certificate

Besma Guesmi
NMTC Workshop: Computer Vision

Orange Tunisia
NMTC Workshop: MLOPS & Autonomous Telecommunications by Orange Tunisia.

Google
AI-Powered Shopping ads Certification

Languages

English
C2 Advanced from British Council

Arabic

French

Italian