

# Meriem Khedhiri

Data Analyst

 [Portfolio](#)



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Motivated Data Analyst with experience in Data Science, AI, IoT, and technical support. Skilled in Python, data analysis, and solving technical issues while ensuring a smooth user experience. Looking for an opportunity to contribute to impactful data projects and continue developing my expertise

## KEY SKILLS

- **Data Science & AI:** Machine Learning, Deep Learning, Computer Vision, TensorFlow, PyTorch
- **Programming:** Python, HTML, CSS, Java, C/C++, MATLAB
- **Big Data & Databases:** Spark, MySQL, PL/SQL, SQL
- **Data Visualization:** Matplotlib, Seaborn, Power BI
- **Development Tools:** VS Code, Eclipse, Jupyter, Google Colab, Git/Github
- **Embedded Systems:** STM32, Arduino, Raspberry Pi4
- **Soft Skills:** Problem-solving, Debugging, Team Collaboration, Agile (Scrum)

## PROFESSIONAL EXPERIENCE

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### Data Analyst for SAP Analytics Cloud (SAC)

05/2025 – 12/2025

SAP – External (Remote)

- Collaborated directly with clients to deliver practical analytical solutions using SAP SAC.
- Combined technical and functional expertise to develop SAC solutions aligned with client expectations.
- Translated functional requirements into technical designs and recommend optimized SAC solutions.
- Worked with live data models and import models based on BW queries and HANA calculation views / procedures.
- Implemented best practices for dashboards using analytic designs and live data models.
- Monitored new SAC feature releases and proactively integrated relevant updates into client solutions
- Created technical documentation through Knowledge Base Articles for both internal and external use.
- Provided real-time customer support through Expert Chat.

**Keywords:** SAP Analytics Cloud, Analytics Designer, Knowledge Management, Technical & Functional Support, ServiceNow, Jira.

### Research and development intern - Data engineer

02/2024 – 06/2024

Measurement and sensor Technology (MST) TU- Chemnitz, Germany

- Developed an innovative EEG-based epileptic seizure classification method using compressive sensing techniques.
- Conducted EEG data collection and preprocessing with MATLAB & ICA.
- Designed a feature selection pipeline in Python and implemented a web-based visualization tool using React.js & Flask.
- Deployed the model on Raspberry Pi4 for real-time monitoring.

**Key tools:** MATLAB, EEGLAB, Python, Google Colab, React.js, Flask, Raspberry Pi4

### Deep Learning developer intern

06/2023 – 07-2023

Leoni, Tunisia

- Built a CNN for employee recognition & emotion detection using TensorFlow.
- Integrated OpenCV for real-time image processing.
- Enhanced model performance through extensive testing and optimization.

**Key Tools:** Deep Learning, TensorFlow, Jupyter, OpenCV, Python

<b>Machine Learning developer Intern</b> The Sparks Foundation, Singapore (remote)	06/2023 – 07/2023
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- Conducted EDA on 'SampleSuperstore' data to identify profitability insights.
- Developed a hybrid model combining stock price prediction and sentiment analysis.

**Key Tools:** Supervised and unsupervised learning, Clustering, Linear Regression

<b>IOT developer Intern</b> TUNSA and ESPITA – Tunsat1 the Satellite Project (Tunisia-Japan), Tunisia	07/2022 – 08/2022
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- Developed an STM32-based communication protocol for microcontrollers.
- Designed a redundancy backup system for CubeSat applications.
- Presented findings to JAXA & UNOOSA.

**Key Tools:** STM32, I2C, CubeMX.

## EDUCATION

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<b>Engineering Degree, Industrial computer science Engineering</b>	2021- 2024
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National School of Electronics and Telecommunication of Sfax (ENET'Com)– Tunisia

- Engineering courses focusing mainly on Information Systems, computer engineering, artificial Intelligence, object-oriented programming, robotics, IOT and industrial computing.

<b>Pre-Engineering Degree</b>	2019- 2021
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Preparatory Institute for Engineering Studies of Monastir – Tunisia

- Preparatory cycle for engineering studies, Linear Algebra, IT, Mathematical Fundamentals, Physics, chemistry, and basic computer science.

## LANGUAGES

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- English: Full Professional Proficiency
- French: Full Professional Proficiency
- Arabic : Native
- German: A2

## CERTIFICATIONS

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• Data Science Professional Certificate   IBM- Coursera	2025
• Scrum for Ops and DevOps Fundamentals   SCRUMstudy	2024
• CNA 1: Introduction to Networks   cisco	2023
• Machine Learning Specialization   Deep Learning.AI- Coursera	2023

## VOLUNTEER WORK AND ACHIEVEMENTS

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• Human resources manager for club Aeromodelisme Enet'com - Tunisia - Soft skills trainer: Team/Time /Stress management - Founded and lead organised the « ENET AERO CUP »: National aeromodelling competition	09/2022– 07/2023
• 2nd Prize Hackathon'23: Smart Solutions for the Automotive Sector at the Digital Research Center of Sfax	2023