

Taima YAHYAOUUI

Data Scientist & Analyst

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PROFESSIONAL PROFILE

Passionate about Artificial Intelligence and Data Science, with hands-on expertise in Machine Learning, Natural Language Processing, Computer Vision, and cutting-edge technologies. As a researcher and data scientist, I bring strong analytical skills, model integration experience, and a proven ability to solve complex problems. Founder of the university tech club SmartISAEG and experienced in mentoring, remote internships, and freelance projects. Always seeking new collaboration and learning opportunities.

CORE SKILLS

- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, Plotly, Excel
- **Machine Learning & Deep Learning:** Scikit-learn, TensorFlow, Keras
- **Data Processing & Preparation:** ETL, SQL, Web Scraping
- **Programming Languages:** Python, JavaScript, Java, CSS3, HTML5, JSX, SQL, PLSQL
- **Databases:** MongoDB, Cassandra, Neo4J, PostgreSQL
- **Tools & Platforms:** Jupyter, Docker, Postman, Spark, Kafka, Hadoop, Microsoft Office
- **Operating Systems:** Windows, Linux
- **Communication & Training:** Educating and simplifying data science concepts for students and professionals

PROFESSIONAL EXPERIENCE

AI Trainer – ITS ProLearn | *Sep 2024 – Present*

- Deliver AI training to students and professionals

Mentor – ESPITA, NGB Internship Program, Freelance | *Jun – Present 2024*

- Guided AI and data science projects in healthcare and general applications

AI Freelancer | *Mar 2024 – Present*

- Delivered machine learning solutions and analytical insights

AI Intern – CodeAlpha, Oasis Infobyte, Byte Uprise | *Apr – Jun 2024*

- Developed and optimized ML models
- Preprocessed data and implemented IoT data analysis solutions

Data Visualization Intern – CognoRise InfoTech | *Apr – Jun 2024*

- Built interactive dashboards using Power BI and Tableau

Data Analyst Intern – Mentorness | *Apr – Jun 2024*

- Delivered actionable business insights from data analysis

Founder – SmartISAEG Tech Club | *Oct 2023 – Present*

- Created and led a university club focused on intelligent tech
- Organized training and workshops in AI, data science, and innovation

Banking & IT Internships

- Electroworks Gafsa – Banking techniques | *Feb – Apr 2021*
- UIB – Société Générale Group – Customer service | *Jul 2019*
- STTPM – Network & hardware maintenance | *2019 – 2020*

EDUCATION

Professional master's degree in data science

ISAEG - Higher Institute of Business Administration, Gafsa | *2022 – 2024*

- Advanced training in data analysis, machine learning, and AI
- Practical projects using Python, R, and SQL

Research master's degree in computer systems engineering – Intelligent Systems

Faculty of Sciences, Gafsa | *2021 – 2023*

- Conducted in-depth research in intelligent systems and emerging technologies

Bachelor's degree in business IT

ISAEG, Gafsa | *2018 – 2021*

- Foundation in computer science and business management

High School Diploma – Experimental Sciences

Lycée Ahmed Tlili | *2018*

PROJETS

- TikTok Trend Prediction – Machine Learning
- Anomaly Detection – Scikit-Learn, TensorFlow
- Weather Forecasting – Time Series Analysis
- Breast Cancer Classification – Medical AI
- YOLOv8 + NDVI – Precision Agriculture Disease Detection
- Real-time Object Detection – OpenCV + YOLO
- Facial Recognition, Sentiment Analysis, Customer Segmentation
- Skin Disease Prediction, Plant Disease Detection
- “Timo” Compiler for Kids, E-Commerce Website

CERTIFICATIONS

Microsoft Azure AI Fundamentals – *Dec 2023*

Microsoft Office Specialist: Word 2019 – *Nov 2023*

Rakuten Product Conference (RPC) – *May 2024*

GenIA Event – *Dec 2023*

The Area (AI Event) – *Dec 2023*

Digital Marketing – *Nov 2023*

AWARDS & HONORS

- Ranked 1st in Bachelor of Business IT – *2021*
- 2nd place in Research Master – *2023*
- 2nd place in Professional Master's – *2024*

COMMUNITY INVOLVEMENT

Ambassador – The Area Event (AI) – Dec 2024

Member – Afev Association – 2024 – Present

Member – 4C Innovation Community – 2023 – Present

LANGUAGES

Arabic: Native (C2)

French: Fluent (C1)

English: Intermediate (B2)