



BIOGRAPHY

- ## EXPERIENCE

- ## INTERESTS

- ## CORE COMPETENCIES

IT KNOWLEDGE & SKILLS

- Neural Networks Development (GraphNN, CNN, MLP, FFNN).
- Pytorch and Keras frameworks.
- Supervised & Unsupervised Machine Learning approaches.
- Computational Intelligence paradigms (DNN, FL, ANFIS, GA, GP)
- Explainable Artificial Intelligence methods (XAI)
- Computer vision & Image processing.
- Graph Theory & Geographic Information Systems.
- IoT Development and Solution Architecture (Edge-Fog-Cloud).
- WSN, LoRa, Sigfox, MQTT Protocol, Kafka Broker, IoT Cloud Platforms.
- Arduino & Raspberry Pi.
- Problem Solving & Automating tasks.
- Programming : Python, C/C++, ExpressJS, SQL / DevOps : Docker, Git, GitHub.

PROJECTS

- ESI Weather (Mar - Sept 2020)
- HEALTHLINE (Mar - Jul 2021)
- Lectio (Dec 2021 - Feb 2022)
- Màtia-ArtificialEye (Apr - Jul 2022)
- Alzheimer.AI (Nov 2022 - Feb 2023)

EDUCATION

- **Deep Learning Intern at LIRIS Lab - DM2L Team - INSA Lyon**
- **5th year systems engineering student at the Higher School of Computer Science 08 May 1945 - Sidi Bel Abbes - Algeria - (ESI SBA)**
- **Baccalaureate in Maths 2018**

SOFT SKILLS

- Leadership & Project management.
- Critical thinking & Problem solving.
- Communication & Public speaking.
- Flexible & Dynamic.
- Time management & Punctual
- Languages :
 - **Arabic** ██████████
 - **French** ██████████
 - **English** ██████████

CONTACT

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 Ahmed Rafik El-Mehdi BAAHMED

CERTIFICATES

- Certificate of participation in the international conference **COC'2022**.
- Certificate of participation in the national conference **CICT'2022**.
- Certificate of participation in the international conference **COC'2021** (paper link : **HAL**).
- Introduction to Bash Shell Scripting with **Coursera Project Network**.
- Elements of Artificial Intelligence.
- Managing Machine Learning Projects with Google Cloud.
- Penetration Testing, Incident Response and Forensics.
- Cybersecurity IT Fundamentals Specialization with **IBM**.