AHMED RAFIK EL-MEHDI BAAHMED

SYSTEMS ENGINEERING STUDENT

BIOGRAPHY

- Machine learning & Deep learning enthusiast
- IoT Developer & Solution Architect
- Python developer
- Backend developer
- Team work experienced
- Creative, motivated & ambitious person
- Fast learner, always ready to learn more.

INTERESTS

- Deep learning (Neural networks)
- Machine learning (sup/unsup/reinf)
- Data Science
- Data mining & data analysis
- Internet of Things (IoT)
- Embedded systems
- Information security
- Cloud computing
- Astronomy & astronautics lover
- Traveling, learning and reading, sport, music, drawing, gaming.

PROJECTS

- **ESI Weather (Mar 2020 - Sept 2020)**
- **HEALTHLINE (Mar 2021 - Present)**
- **Lectio (Dec 2021 - Present)**
- **Màtia-ArtificialEye (Apr 2022 - Present)**

EDUCATION

- **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**

CONTACT

- 📞 +213 792 00 85 75
- ✉️ a.baahmed@esi-sba.dz
- 🏠 eagleeye1107.github.io
- EagleEye1107
- in Ahmed Rafik El-Mehdi BAAHMED

EXPERIENCE

- Project Manager of "**Màtia-ArtificialEye**" project which is a Computer Vision and Deep Learning-Based support system for Visually Impaired People in an outdoor environment **(Apr - Jul 2022)**.
- Project Manager of "**Lectio**" an eBook project **(Jan - Mar 2022)**.
- Practical internship at **GSH** "Groupe des Sociétés HASNAOUI" **(Sept 2021)**.
- Web Developer and Quality Insurance Manager of "**HEALTHLINE**" project.
- Developer & Organizer in AlphaBit Coding Challenge 3rd Edition **2021**.
- Participation in **COC'2021 (Mar 2021)** and **COC'2022 (May 2022)**.
- Cybersecurity Instructor & Trainer in The Alphabit Cybersecurity Cell.
- Vice-President of Alphabit Club **(Jan 2021 - Oct 2021)**.
- Project Manager of "**Esi Weather**" a **AI** weather station **(Mar - Sept 2020)**.
- Member and Organizer in Alphabit Club **(Sept 2018 - Oct 2021)**.

CORE COMPETENCIES

IT KNOWLEDGE & SKILLS

- Supervised Learning (KNN, SVM, Naive Bayes, Random forests).
- Unsupervised Learning (K-means, GAN's, PCA, CAH).
- Reinforcement learning (Markov Process Decision).
- Neural Networks Development (Perceptron, MLP, CNN, RNN, FFNN).
- Computer vision & image processing.
- Natural language processing.
- IoT Development and Solution Architecture (Edge-Fog-Cloud).
- Problem Solving & Automating tasks.
- DevOps : Docker, Git, GitHub.
- Programming : Python, C/C++, JavaScript, Pascal, ExpressJS, SQL.

SOFT SKILLS

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

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**.