

## MOUSTAPHA BACHAR ADJAO

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As a Machine Learning Engineer with 4 years of experience (2 years in Machine Learning and AI, coupled with 2 years in software engineering) and armed with a Master's degree in Computer Science and Artificial Intelligence, I am dedicated to continuous learning and innovation. Outside of work, I draw inspiration from literature and lead an active lifestyle, with a passion for basketball and football both on and off the court and field.

### **EDUCATION**

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#### **IPSSI**

**Apr 2022 – Jan 2024**

Master in Computer Science and Artificial Intelligence.

#### **SORBONNE PARIS NORD UNIVERSITY**

**Sep 2020 – Jun 2021**

Bachelor's degree in Modeling and Mathematical engineering.

#### **Sup'Management**

**Sep 2017 – Jun 2019**

Bachelor's degree in mathematics and computer science.

### **PROFESSIONNAL EXPERIENCE**

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#### **Conversational AI Engineer | Evolukid (Part-time, France):**

**Nov 2023 – Present**

- NLP models Development: Create accurate cyberbullying detection models using CamemBERT.
- Data preprocessing: Ensure datasets are prepared and processed for effective model training.
- Data Generation, Fine-tuning and optimization of LLMs to provide emotional support.
- Development of a conversational agent with vocal capabilities and a chrome extension powered by LLMs.

#### **Machine Learning Engineer | Orange Business Service (FTC, France):**

**Sep 2022 – March 2024**

- Comprehensive Development: Address diverse global needs from data preprocessing to model deployment.
- Robust Solutions: Optimize ML models ensuring reliability and performance.
- Developing Proof of Concepts (POCs) and use cases impacting over a million users.
- Writing technical documentation, use cases and workshops for internal users.

#### **Software Engineer | LR Health & Beauty (Contract, France):**

**Feb 2021 – Dec 2021**

- Full Stack: create and maintain an e-commerce platform (React, Express, Node)
- Database Management with MongoDB
- Payment Gateway Integration with the PayPal API
- Security, Performance and Responsiveness

#### **Teaching Assistant | Sorbonne University (Part-time, France):**

**Sep 2020 – Oct 2021**

- Teaching mathematics and exam preparation to high school and university students.
- Teaching Python and C++ programming languages to high school and university students.
- Overall success rate of 95% for high school graduates and 98% for university students.

### **Technologies and Languages**

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- Python, SQL, JavaScript, React, Node, Django, Flask, Rasa, PostgreSQL, MongoDB, Git, Linux
- C++, TensorFlow, PyTorch, Docker, Kubernetes, Jenkins, Cloud Computing
- Troubleshooting and Debugging

### **Data Structures & Algorithms Skills**

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- Algorithms and Data Structures (Linked List, Stack, Queue, Binary Tree, Hash, Graph).

### **Volunteering and community involvement**

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- Google Developer Student Club Lead.
- Class Delegate.
- Competences: Communication, teamwork, Problem-solving, critical thinking, Leadership.