Offer

Job Title:

AI & Software Engineer – NLP and ML Specialist

Location:

Remote / Casablanca Office (Hybrid Optional)

Employment Type:

Full-Time

About the Role:

We are seeking a highly motivated **AI & Software Engineer** with a strong background in **Python**, **Machine Learning**, and **Natural Language Processing** to join our growing AI R&D team. You will work on cutting-edge projects involving **LLM fine-tuning**, **document understanding**, and **real-time computer vision** applications.

Responsibilities:

- Develop and optimize machine learning pipelines using **PyTorch**, **Transformers**, and **HuggingFace**.

- Fine-tune **GPT**, **BERT**, and **LLaMA** models for domain-specific NLP tasks.

- Implement intelligent document processing solutions using **Groq API** and **Q&A extraction** techniques.

- Design and maintain NLP-based tools for **text classification**, **tokenization**, and **vectorization** using **TF-IDF** and **neural networks**.

- Collaborate with cross-functional teams to deploy models using **Docker**, **Linux**, and **Git**.

- Contribute to real-time **computer vision systems** using **OpenCV** and **KNN**, achieving production-grade accuracy.

- Ensure scalability and performance through code optimization and effective use of resources.

Required Skills:

- Strong proficiency in **Python** (4+ years)

- Experience with **PyTorch**, **Transformers**, and **HuggingFace**

- Solid foundation in **Machine Learning**, **Deep Learning**, and **NLP**

- Proficiency with **Git**, **Docker**, **Linux**, and **Bash**

- Experience in **model fine-tuning**, **pipeline optimization**, and **AI infrastructure**

- Working knowledge of **SQL**, **C++**, and **PL/SQL**

- Familiarity with **OpenCV** and computer vision concepts

Preferred Qualifications:

- Experience with **large language models (LLMs)** and **custom dataset training**

- Hands-on work in **document automation** or **Q&A systems**

- Bachelor's or Master's in **Computer Science**, **Software Engineering**, or related field

- Excellent communication in **English** and **French**

What We Offer:

- Projects at the forefront of **AI research and development**

- A collaborative and innovative work environment

- Opportunities to publish and showcase work

- Competitive salary with performance-based bonuses

- Flexible remote/hybrid setup