Samir FERROUM

CONTACT

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📍 26 Rue de Saurupt - Nancy - 54000 France

EDUCATION

2015 - 2018
University 20 Août 1955

Bachelor's degree : English Language

-- Skikda,Algeria--
2018 - 2020
University 20 Août 1955

Master's degree : English Language:

Linguistics and Applied Languages.

-- Skikda, Algeria --
2022 - 2024
University of Lorraine

Master : Natural language processing

Nancy France

TECHNICAL SKILLS

- Python, Javascript,SQL
- FLASK, Streamlit
- Machine Learning: Pytorch, Langchain, Groq API (LPU), Fine-Tuning (LoRA,QLoRA), AWS Bedrock
- Github,Docker

LANGUAGES

- Arabic : Native Language
- English: C2 (Mastered)
- French: B2 (Advanced)

REFERENT:

- Full Name: Matthieu Leveque (Project Manager)
- E-mail: matthieu.leveque@sncf.fr
- Phone N°: +33668453360

PROFESSIONAL EXPERIENCE

Internship: Software Developer (Python)
Juin 2023 – September 2023

The French National Railway Company (SNCF)

Project " *EasyCFL*" : (Used by two companies: CFL & SNCF)

- Created an algorithm from scratch in Python to Process proprietary PDF data, and then developed a full-stack web application to deploy it.
- Managed the project by myself for the SNCF.

Work-study program: NLP Engineer
September 2023 – September 2024

The French National Railway Company (SNCF)

Project: "*Service Bulletin Analysis*":

- Used heuristic methods to extract only the necessary information from proprietary data.
- Exploited the power of the open-source LLM models 'Mistral 7b V0.2' to correct and manipulate the variability of textual data, converting it into a structured format.
- Exploited the generative AI frameworks 'Langchain' to properly manage the input structure and produce outputs as accurate as expected.

PROJECTS

 Profile Github

CERTIFICATES

- Google IT Support Professional Certificate
- Google Data Analytics Professional Certificate (Incomplete)
- DataCamp Certificats (Linkedin)

ONLINE PROFILES:

 LinkedIn

PERSONAL TRAITS:

- Autodidact
- Communicative
- Energetic