

Azzedine AIT SAID

M2 Data Science Student at Paris-Saclay

📍 Île-de-France
☎ +33765870235
✉ aitsaid.azzedineidir@gmail.com
🌐 linkedin.com/in/azzedine-idir-aitsaid (8.3k)
🐙 github.com/Azzedde
😊 huggingface.co/Azzedde
📖 medium.com/@ja_aitsaid

SCIENTIFIC PUBLICATIONS


5G INSTRUCT Forge: An Advanced Data Engineering Pipeline for making LLMs learn 5G


- Research paper ([link to the paper](#)) accepted and published in "IEEE Transactions on Cognitive Communications and Networking".

EDUCATION

Master's Degree in Data Science	Orsay
Paris-Saclay University	2024 - 2025
Computer Engineering Degree	Algiers
National Higher School of Computer Science	2019 - 2024
Master's Degree in Computer Systems	Algiers
National Higher School of Computer Science	2023 - 2024

EXPERIENCE

 InfinitGraph LLC	USA, Remote
Part-time LLM Consultant	June 2024 - January 2025
• Auditing the company's LLMs' usage, providing technical evaluations, advices and enhancements	

 EURECOM	Sophia Antipolis, Nice, France
LLM Research Intern	September 2023 - June 2024
• Extraction and processing of textual data from 3GPP specifications to create telecom datasets for training LLMs specialized in 5G and detecting complex anomalies.	
• References: GitLab repo , HuggingFace dataset ,	
• Technologies: Python, python-docx, Hugging Face, Shell scripts.	

 CodeLabsAcademy GMBH	Germany, Remote
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Part-Time Data Science Instructor January 2024 - June 2024

- Preparation and delivery of introductory data science courses in English, making concepts interactive with animated slides ([link](#)) and online quizzes, using Jupyter Notebook.

 NAMLA Cloud	Orsay, France
LLM and MLOps Intern	July 2023 - December 2023

- Development of a complete system for shoplifting detection and creation of an intelligent assistant to automate tasks via natural language.
- References: [Article 1 - Shoplifting Detection](#), [Article 2 - Shoplifting Detection](#), [Article 1 - Intelligent Assistant](#), [Article 2 - Intelligent Assistant](#).
- Technologies: Python, OpenVINO, NVIDIA Triton, PyTorch, Docker, React, sockets, parallel processing, LangChain, Gorilla-CLI, Prometheus, Grafana.

PERSONAL PROJECTS

-  **paper_to_podcast (450★)**
 - A LangChain tool that turns research papers into engaging podcasts. It uses Planning, Discussion, and Enhancement chains for structured dialogue and OpenAI's Text-to-Speech for realistic voices. ([GitHub Link](#) - [Medium Article Link](#))
-  **brainstormers (273★)**
 - A LangChain app for structured brainstorming using famous techniques (Mind Mapping, SCAMPER...). It generates idea trees, offering an organized, LLM-driven experience via a user-friendly interface. ([GitHub Link](#)),
-  **My Workshops**
 - I love sharing my knowledge, so I have conducted several workshops on various topics in data science and machine learning, all of which are documented in this GitHub repository. ([GitHub - My Workshops](#))

LANGUAGES

- French (C2)
- English (C2)
- Arabic (native)