


Research Intern @ IRIT | Master's in Computer Science, AI| Telecommunications and Digital Technologies Engineer

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I am a Master’s student in Artificial Intelligence at Université Paul Sabatier Toulouse III and a Research Intern at IRIT, with an engineering diploma in Telecommunications. My multidisciplinary background allows me to approach AI challenges from both theoretical and practical perspectives. I have hands-on experience with large language models (LLMs) and various machine learning techniques. Above all, I'm passionate about applying AI to real-world problems and eager to connect with your team.

EDUCATION

- Master's degree in Computer Science and Artificial Intelligence**
09/2024 Université de Toulouse Toulouse
 - Specialization in AI (LLMs, NLP, RAG, Transformers, Machine Learning, Deep Learning)
 - Multi-Agent Systems
 - Signal Processing
 - Project Management
- Engineer's Degree in Telecommunications and Digital Technologies**
09/2019 - 07/2024
Ecole Nationale Supérieure des Télécommunications et des Technologies de l'Information et de la Comm Oran, OR, Algeria
 - Apache Ecosystem (Hadoop, Spark)
 - Cybersecurity
 - Linux
 - Telecommunication Systems, Networks, and Computer Science Fundamentals

SKILLS

Programming: Python, SQL, MATLAB, C, HTML, CSS, PHP

AI Skills: Machine Learning, Deep Learning, Python, Neural Networks (CNNs, RNNs), Data Processing

DevOps: GitHub

Soft Skills: Teamwork, Communication, Creativity, Autonomy

LANGUAGES

French
Native Speaker

English
Good working knowledge

PROJECTS

- Development of a conversational bot based on LLMs**
01/2025 - 04/2025 Project Toulouse, Occitanie, France
 - Developed a conversational bot using Large Language Models (LLMs) to improve customer service
 - Integrated the chatbot with the GLPI system to reduce ticket resolution time
 - Utilized natural language processing techniques to enhance the bot's understanding of complex user queries
- Prediction of Energy Consumption in 5G Base Station using Machine Learning**
02/2024 - 07/2024 Projet de Fin d'Etudes Oran, OR, Algeria
 - Developed a prediction model in Python to estimate the energy consumption of a 5G network with the goal of improving its efficiency
 - Implemented clustering using K-Means
 - Trained a ML-model using XGBoost algorithm

INTERNSHIPS

- Research Assistant- Artificial Intelligence**
04/2025 - 08/2025 IRIT, Université de Toulouse Toulouse(France)
 - Applied LLM prompting and fine-tuning for argument mining
 - Assessed the quality and relevance of arguments
- Telecommunications Engineer (Internship)**
03/2024 - 04/2024 Algerie Telecom Oran(Algerie)
 - Analyzed network traffic data using OSS/BSS tools
 - Installed a pfSense firewall
 - Configured Ethernet card drivers on a Linux server
- Network Administrator (Internship)**
07/2023 - 08/2023 Mobilis Oran, OR, Algeria
 - Managed user accounts and network access permissions
 - Troubleshoot network connectivity and security issues
 - Configured and maintained network equipment (routers, firewalls)