



BASTIEN TAROT

Open to new professional opportunities

Data Science and Artificial Intelligence

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06.45.51.85.95

Permis B

SKILLS

Developing programs

Teamwork and communication

Preparing, analyzing and visualizing data

Understand and write documents in English

Developing AI models

Communicating results

Object-oriented programming

Automate application deployment and updating

Collaborating with Git

PROFESSIONAL EXPERIENCE

Data scientist intern - AIRBUS, TOULOUSE

MARCH TO SEPTEMBER 2025 - 27 WEEKS

- Large Language Models (LLM) and prompt engineering (VertexAI, Langchain)
- RAG Architecture (LightRAG)
- Deployment with Google Cloud Platform
- Knowledge graph applied to system diagnostics

AI intern - SNCF VOYAGEURS, LE MANS

APRIL TO AUGUST 2024 - 17 WEEKS

- Computer vision (OpenCV)
- Optical Character Recognition (OCR)
- Machine Learning

Quality Analyst intern - DIREXYON, MONTRÉAL

APRIL TO JUNE 2022 - 10 WEEKS

- Tests automation with Typescript (Selenium, Protractor, Cucumber)
- Bug reporting
- Agile and SCRUM methods

EDUCATION

Engineering school, ESIEA

LAVAL, FRANCE - 2022/2025

- Major Artificial Intelligence & Data Science
- Study semester in Croatia at the University of Zagreb - Faculty of Organization and Informatics

University Diploma in Computer Science

LAVAL, FRANCE - 2020/2022

- Study semester at CEGEP de Matane (Quebec) - Computer science techniques

COLLABORATIVE PROJECTS

Sign recognition application

AI - MACHINE LEARNING

- Java, Android, Android Studio
- Tensorflow, OCR, Image analysis

Emotion prediction

AI - DEEP LEARNING

- Python, Pytorch, Visual Studio Code
- Neural networks, Image processing

Pain prediction in radiotherapy

AI - RESEARCH PROJECT

- State of the art, Bibliographic research
- Time series, Explicable AI, Machine Learning
- Python, R, Dynamic Bayesian Networks

White station - Octopus

CYBERSECURITY

- React, NodeJS, Podman, Ansible, Bash, Grafana
- Deployed at the SGAMI in Rennes (General Secretariats for Administration of the Ministry of the Interior)

Toxicity detection in text chat

AI - NATURAL LANGUAGE PROCESSING

- Python, Word2Vec, Hugging Face, Pytorch
- LLM, Data pipeline

LANGUAGES

French : Native language

English : Professional proficiency, TOEIC - 855

HOBBIES

- Running
- Cybersecurity (Try Hack Me)

LinkedIn : www.linkedin.com/in/bastien-tarot

Portfolio : suna24.github.io