

# Vinicius PARAIZO

## Machine Learning Engineer

Computer Scientist experienced in Machine Learning, Object-Oriented Programming and Web Applications.



### INFORMATION

- Italian citizenship 
- paraizoviničius@gmail.com
- +55 21 984445918
- [Linkedin](#)
- [Github](#)

### EXPERIENCE FIELDS

#### Languages and Frameworks

Python, TypesCRIPT, Java, C#, Pytorch, LangChain, FastAPI, Spring, .NET, SQLAlchemy, Vite

#### Operating Systems

Windows, Linux

#### Software design

SOLID, design patterns, UML, ORM, ACID

#### Known Sectors

AI and Data Science, Natural Language Processing (NLP), Transformers, MLOps, Web development

#### Management and DevOps

GitHub, GitLab, Docker

### ABILITIES

- Strong teaching skills in mastered technologies
- Humble, committed, and trustworthy
- Good self-management skills
- Problem-solving mindset
- Proactive and analytical approach

### LANGUAGES

English : Fluent  
French : Fluent  
Portuguese : Native

### HOBBIES

Enjoy Samba, play drums and a dark souls fan.

### ACADEMIC BACKGROUND

#### Aix-Marseille University - Master (2023 - 2024)

Data Science, AI;

#### CEFET – Bsc in Computer Sciences (2019 - 2025)

- Final Project: Applied Deep Embedded Clustering (DEC) to identify patterns in Brazilian government expenditure data for auditing.

- Achievements: **1st place winner** at [INOVA national contest \(Telebrasil\)](#) in competitive programming.

### PROFESSIONAL EXPERIENCE

#### Web Developer

##### Anouk Partners | 07/2025 – present

- Contributed to an integrated project with a Next.js frontend, Java Spring backend, external APIs, and relational database integration

- Developed and optimized frontend components in collaboration with a senior engineering team, following agile practices and version control with Git.

#### Sustainable Computing Researcher (France)

##### Euranova | 08/2024 – 02/2025

- Developed a structured methodology to enhance efficiency across all stages of the AI lifecycle.

- Applied this framework to a LangChain RAG project built on large language models (LLMs), focusing on reducing computational resource usage and improving model efficiency.

#### Machine Learning Researcher (France)

##### TALEP | 02/2024 – 05/2024

- Leveraged a pre-trained HuBERT model to process MP3 audio datasets, performing Speech Recognition tasks and extracting MFCC features for further analysis.

- Engaged in extensive research on LLMs and transformers, analyzing cutting-edge methodologies and their applicability to audio processing.

#### Procurement Systems Analyst

##### VTEX | 08/2022 – 08/2023

- Responsible for systems including routines, helpdesk, tests and improvements.

- Create a Python project to automatically update the company purchases database using Selenium and Openpyxl libraries.