

ALEXANDRE GASTINEL

STUDENT AT CENTRALESUPELEC

Looking for a 6 months internship in Data science / AI starting July



+33 7 82 76 42 67



alexandre.gastinel@student-cs.fr



6 rue des Lavandières, Buc, 78530, France

Education

Master's student at CentraleSupélec

Ranked #2 French engineering school

2023 - 2027

Relevant Courses :

- Advanced Continuous Probabilities, Partial Differential Equations, Learning and Statistical Analysis, Optimization
- C++, Algorithm & Complexity Theory, Image and Audio data Analysis & Processing

Master's student at Paris-Saclay University

Shanghai Ranking:

12 overall & # 2 in Maths

2023 - 2027

Preparatory Classes at Collège Stanislas

2021 - 2023

Skills

Python / C++ / Git

French (Native)

English (Fluent, learned in American school)

German (B2, certified B1 by Sprachprüfung in 2017)

Italian (A2)

Passions

Music / Chess / Running & Sports (Paris-Versailles 16km & Half Marathon)

About me

I am a master's student at CentraleSupélec looking for an internship that could help me develop my data science and machine-learning skills. I have a keen interest in AI, and a growing appetite to master it.

I also have a great interest in people and bring joy to those around me.

Experience

Project on Emotion Recognition in Voices

Machine Learning & Signal Processing

Sept. 2024 - Jan. 2025

Developed a machine learning pipeline for emotion recognition from speech using Python, in a team of 4. Processed audio datasets and implemented various models (SVM, Random forest classifier, LSTM) for classification. Achieved accuracy of 85%.

Ongoing project on computer vision

Machine Learning

March 2025 -

Developed a solution for a consulting firm in Data Science and AI. Worked specifically on graphs, deduced from databases provided for the assignment.

Research Project : Development of a unique Climate Model

Algorithm & Physics

Jan. 2024 - June 2024

Worked on a research project at the Laboratory for Climate and Environmental Sciences of Saclay, which aims at developing a climate model freed from the arbitrary parameters found in today's models. Implemented time dependence in the model to take seasons and the diurnal cycle into account.

Humanitarian Internship in Madagascar

At "Les Enfants du Soleil"

June 2024 - August 2024

Led a fundraising campaign, raising €29,000 in six months for homeless children in Madagascar, in partnership with Les Enfants du Soleil. Spent six weeks in summer 2024 supporting educational and social programs at reintegration centers.

This incredible experience reshaped my perspective on the world and my place in it, both as a person and as a future engineer.