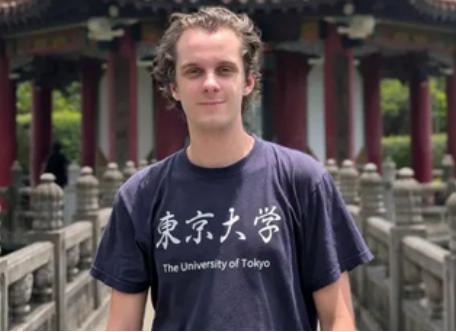# MATHIEU JAY

Self taugh polyglot and computer science student passionated by AI and NLP currently looking for a master degree with a focus on AI.

CONTACT

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LINGUISTICS SKILLS

French : Native
English : TOEFL 104/C1
Mandarin Chinese : HSK5/C1
Spanish : Elementary
Japanese : Elementary

WORK INTERESTS

Human machine interaction
NLP
Machine learning
Automatic translation tools
Computer vision

SKILLS

Motivation
Autonomy
Leadership
Teamwork
Problem solving

HOBBIES

Chess
Calisthenics
Learning languages
Travelling

PROFESSIONAL EXPERIENCES

AI Engineer apprenticeship *Ongoing*

FRANCE SENATE - PARIS

09/2025 - NOW

One year apprenticeship at the french governement Senate during my third year of bachelor degree, alternating between one week studying at the university and three weeks working at the Senate.

- Working alongside the IT team of the Senate to implement AI solutions inside their existing applications.
- implement a computer vision model within the application where senators submit their work expenses as receipts or invoices for reimbursement. I developed a model to automatically read the content of these documents, extract the date and price, and categorize each expense accordingly.
- Handling classified data with care and working alongside the hardware limits that a 100% local AI architecture impose.

AI Engineer internship

THE UNIVERSITY OF TOKYO - TOKYO

04/2025 - 07/2025

3 month internship at the DLX design lab of the University of Tokyo working alongside designers on two projects to implement AI in their work and make better visualization of their data.

- **CORAL RESCUE :** Implemented machine learning models inside an aquarium monitoring app to help the users better visualize the trends and the current state of the aquarium.
- **AiCOM :** Created an image-guessing game where two players compete agaisnt a LLM. The goal wat to create an experience that help people realize the limits and the potential of AI in a playful way.

FORMATION

BUT COMPUTER SCIENCE (BACHELOR DEGREE) *Ongoing*

THE UNIVERSITY OF BORDEAUX - BORDEAUX

09/2023 - 07/2026

Generalistic computer science bachelor degree covering broad aspects of computer science, from system design and low level programming to AI and software development. Following a special international track including classes in English.

- Elected President of the school association of the University for the year 2024.
- Elected class president of the students of my year in first, second, and third year.