



# Mathieu Jay

## BUT Computer Science Student

As a student with a passion for living languages and computer science, I'm looking for a work-study position in data-science or full-stack development starting in September 2025.



Driving license



matjay.me



mathieu.jay2@gmail.com



+33 7-69-97-21-02

## Formation

- **BUT Computer science (Bac +3) Ongoing**  
International track  
IUT of Bordeaux-Gradignan (33) 2023 - 2025
- **General baccalaureate, with honours**  
Open candidate 2022  
Specialities: Mathematics, Economics science and Numerical science

## Professional experience

- **Internship : Coral Rescue, University of Tokyo**  
DLX DESIGN LAB, Université de Tokyo April-June 2025
  - Analyzing data from sensors
  - Embedded systems programming
- **Home stay help**  
Taiwan, Fu-yam Tourist home August 2024
- **Gap year Working Holiday Visa**  
*Australia* 2022-2023
- **Various interim work**  
Randstad Libourne (33) Summer vacations 2022-2024

## Associative commitment

- **President** of the school student association
- **Promotion delegate** for first and second-year students
- IUT of Bordeaux-Gradignan (33)
- **Vice-Treasurer**  
GUOBAO Chinese language and culture association  
Bordeaux Montaigne University

## Hobbies

- Ukulele, Singin
- Shooting, editing and broadcasting Youtube videos
- Surf, running
- Chess

## Computer skills

- **Programming languages**  
Java, Python, Java-script, TypeScript,  
HTML/CSS, SQL, PHP, C#, C

## Computer projects

- **Development of a tournament management application for soccer robots**
  - Symfony framework
  - **Full-stack developer** in a team of 5 programmers
    - Creation of interfaces and their **logic**
    - Back-end/front-end **integration** and connection to the database
  - Implementation and respect of the **scrum** framework

## Personal projects

- **Creation of a Chinese numeral recognition model**
  - Created my own **AI model** from scratch, using **convolutional layers**
  - Analyzed 15,000 photos of **hand-drawn Chinese numerals**
  - Achieved **0.98 accuracy** on test data
- **Geography games website**
  - Filling a **database** with **geographical data** found on the Internet
  - Creating **choropleth maps** based on the data contained in the database
  - **Displaying** these maps on a website in the form of a guessing game

More details on [matjay.me](https://matjay.me)

## Linguistics skills

- English : Full-Proficiency
- Mandarin Chinese : Fluent
- Spanish : Understood, read
- Japanese : Beginner