

# Gabriel TESSIER

*Student at the Ensimag engineering school in 2<sup>nd</sup> year*

I'm a motivated and enthusiastic individual with a strong interest in programming. I'm looking for a role that uses my skills and develops them further.

## Contact details

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## Skills

- Languages C / Assembly x86\_64 et RISC-V / Ocaml / Java / Python / Kotlin / Lua
- SQL Data Base
- OS Linux / Git
- IDE Emacs / Processing / Eclipse / Android Studio / Blender

## Languages

- French: native
- English: B2

## Hobbies

- Music: practicing drums for 10 years in music school
- Computer science: programming

## Projects

### 2025 - JPEG to PPM decoder

A 3-week project at engineering school, I created a baseline jpeg and progressive jpeg decoder in c.

### 2024 - Creating artificial players for Tetris

As part of my pre-engineering studies, I programmed different learning strategies for Tetris in C language (learning methods and with heuristics).

### Implementation of several programs

Passionate about computers since I was 12 years old, I have written many programs with different programming languages (Java, Kotlin, Python, Ocaml, C, Lua, Javascript) and IDEs (Processing, Eclipse, Android Studio).

## Training

- 2024/2026: Ensimag engineering cycle  
Top French educational institution in Informatics, Applied Mathematics and Telecommunications
- 2022/2024: CPGE MPI\*  
Pre-engineering: Intensive two-year undergraduate course to prepare in computer sciences, maths and physics for the competitive entrance exams to French "Grandes Ecoles"

## Diploma

2021/2022: French Baccalaureate (French high/secondary school diploma) passed with high honours  
Main Subjects: Maths, Computer science

## Internships

- February 2020: Internship (1 week)
  - Information Systems Department at the University of Orléans.
  - Discovered IT department: networks, large applications, information systems (databases, connectors), web development.
- March 2019: Internship (1 week)
  - Orléans Fundamental Computer Science Laboratory - University of Orléans.
  - Developed an application to remotely control a robot equipped with an Arduino board with an Android phone via Bluetooth.