Gabriel TESSIER

Student at the Ensimag engineering school in 2nd 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
- IDE Processing / Eclipse / Android Studio / Blender / VSCode / Emacs

Languages

- French: native
- English: B2

Hobbies

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

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 sciencs, 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.

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).