

BÉDEL Matéo



I'm a creative and motivated 21-year-old Maths & IT engineering student in my second year at **Ensimag**, in the **MMIS program** (Mathematical Modeling, Image, Simulation).

Curious learner, problem solver, I am seeking opportunities in graphic programming.

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mateobedel

mateobedel.github.io/portfolio

skills



Fr French (native)

En English (TOEFL C1 : 97/120)

C Java Python

C++ SQL Godot

- Web front-end languages
- Graphics Libraries
- Adobe suite

studies



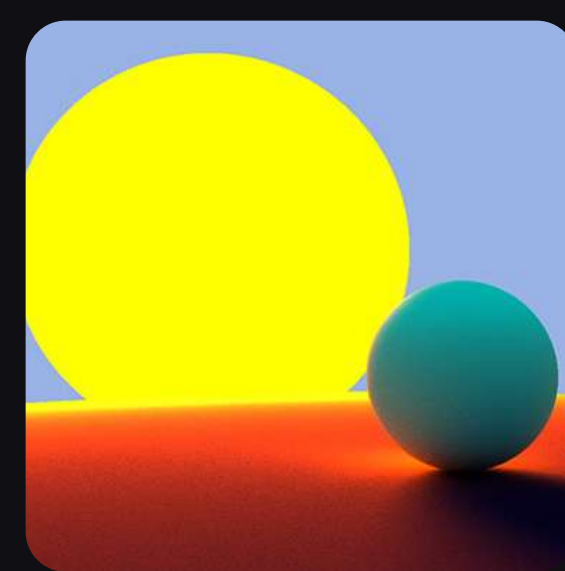
2023-NOW ENSIMAG - Grenoble

Maths & IT engineering school. MMIS program (Mathematical Modeling, Image, Simulation).

2021-2023 Roosevelt CPGE MPI - Reims

Maths, Physics and IT preparatory school.

Projects



Real-time raytracer **2025**

CPU real-time raytracer built in C++ with a graphical interface.

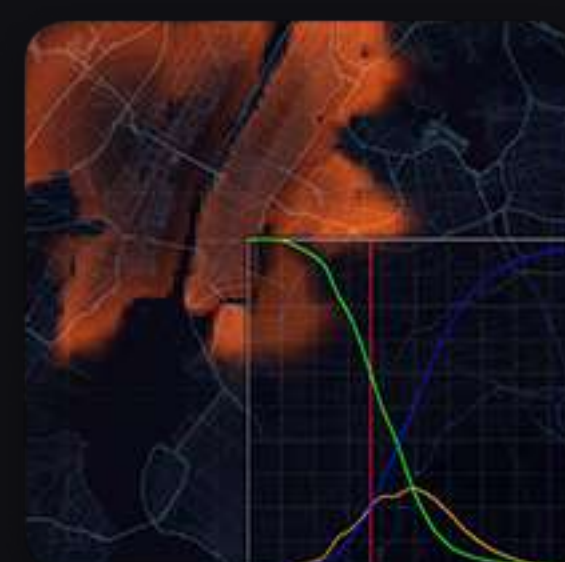
C++ Vulkan ImGui



JPEG Encoder **2024**

Image encoder from PPM to JPG. Use all the encoding functions of the JPEG format while being optimized.

C Makefile Git



SIR Automata **2023**

Cellular automata modeling propagation of epidemics in a 2D heterogeneous space of population density over time.

C SDL2 Makefile

- Multiplayer puzzle mobile game **Godot** **2023**
- Firefighting robot simulation **Java** **2024**

+ More projects on : mateobedel.github.io/portfolio

Experiences



Ensimag sport association **2024-NOW**

Organization and management of sportive and festive student events, partnership with companies.

Team working Event managements Visual communication



E-commerce society **2021-2022**

Co-founder of a society selling products online. Websites, advertisements creation. Accounting, administration, after-sales service management.

Team working Communication Problem solving



Freelance graphic designer **2017-2021**

Selling graphic designs on Fiverr for content creators. Handling a youtube channel to promote my services.

Creativity Adaptability Communication

- Mathematics tutoring **2024**
- School group projects on GitHub/GitLab **2023-2025**