CONTACT

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🏠 Paris (can move)

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SKILLS

Languages:
- C
- C++
- Assembly
- Shell
- CMake
- Make
- TypeScript

Other technologies:
- Linux
- Reverse Engineering (IDA/Ghidra)
- Git
- Amazon Web Services (AWS)
- Penetration testing
- PostgreSQL
- Sybase

Soft Skills:
- Curiosity
- Thirst for knowledge
- Proactive
- Rigorous

LANGUAGES

- French: Native
- English: Bilingual, level C2 (975 on a TOEIC test)
- German: Medium (level B2)

HOBBIES/INTERESTS

Programming, history, piano, chess

Gabriel Ravier

Searching for a motivating C++ job
Software Engineer

PROFESSIONAL EXPERIENCE

Software Engineer internship – Commerzbank (2024-2025) 🇩🇪
- C++ and SQL, multiplatform (Linux/Windows)
- Teamwork with an international team with English as the working language
- Transition of a massive project from Sybase SQL to PostgreSQL
- Search & fixing of dozens of bugs

Software Engineer internship – TrackIt (2021 and 2023) 🇺🇸
- Go backend, with heavy use of the AWS API
- C++ on a cybersecurity software project
- TypeScript frontend using the AWS Cloud Development Kit (CDK)

Software Engineer internship – NZUP (2018) 🇫🇷
- Conversion of Go code to C to maximize performance

ACADEMIC/PERSONAL PROJECTS

Yalibct (Yet Another Libc Testsuite) (2022-Present)
- Personal project, testsuite for the standard library of the C language
- More than 73 bugs found in the C standard library on Linux (glibc) and many other platforms since the start of the project

Epitech – AREA (2023-01 – 2023-03)
- Web app/mobile app alike to IFTTT/Zapier
- Dozens of complex interactions between dozens of services
- TypeScript backend, with Fastify, Prisma and PostgreSQL

Epitech – Arcade (2022-03 – 2022-04)
- Project to recreate various games in C++
- Common API for various graphics libraries (SDL, ncurses, etc.)
- Demo: https://www.youtube.com/watch?v=yMk1y3bvGwQ

CSE2 (2018-06 - 2020-10)
- Open-source C++ version of Cave Story, for modders
- Created through reverse-engineering of the original game
- Demo: https://www.youtube.com/watch?v=VYRTTl5pk90

EDUCATION

EPITECH (2020-2025)
- Programming with projects, in C++ and C on Linux and Windows
- Many domains explored: CLI, games, network, multi-threading, etc.
- Valedictorian for several years

Lycée Francais Victor Hugo (2011-2020)
- Obtained top marks ("Mention très bien") on sciences Baccalauréat with mathematics specialization