ANTONIO MATTAR

Software Engineering Student

1A Rue Jules Flandrin, Grenoble, France

📱 +33 6 26 04 34 35   ✉ antoniomattar123@gmail.com   🔗 antoniomattar.com

in linkedin.com/in/antoniomattar   ⌨ github.com/antoniomattar   EN/FR/AR (Native), ES (A1)

> **Final-year** Software Engineering student at ENSIMAG **seeking a six-month internship starting February 2026** to build scalable, maintainable software and optimize performance, with prior experience at Murex.

Experience

Murex   **Jun 2025 – Aug 2025**
Software Engineer Intern   *Paris, France*

- Contributed to decommissioning a legacy Java/C++ API, integrating a layered RESTful client across 5+ MX.3 modules.
- Optimized high-volume data load startup latency via caching and preloading, reducing delays in critical services.
- Conducted performance benchmarking; improved service latency under load.
- Utilized GitLab CI/CD, Jenkins, and SonarQube within Agile sprints to maintain code quality and deployment reliability.

Neumann AI   **Jul 2024 – Aug 2024**
Full Stack Developer Intern   *Beirut, Lebanon*

- Built React/Next.js employee management system with Express.js RESTful API, implementing JWT authentication, MySQL query optimization with indexes, and connection pooling.

LIS Marseille   **May 2022 – Jul 2022**
Research Engineer Intern   *Marseille, France*

- Developed a Lambda-Calculus interpreter and automated image generation, cutting manual effort by 60%.

Projects

Freelance & University Projects *Angular, Next.js, Vercel, MongoDB*   May 2022 – Present

- Designed and deployed responsive websites for diverse international clients, driving high user engagement. Portfolio includes university projects: GUI library in C, fire-robot game, polygon inclusion algorithms at antoniomattar.com

Deca Compiler *Java, ANTLR4, Jacoco*   Jan 2025

- Co-built in a team of 5 a full compiler in Java covering parsing, semantic analysis, IR generation, and register allocation; validated with JaCoCo-tested pipeline.

Multi-threaded HTTP Server *C, epoll, thread pools*   Nov 2024

- Implemented high-performance HTTP/1.1 server using epoll event notification and worker thread pools, supporting keep-alive connections and handling 1000+ concurrent requests with less than 10ms average response time.

Education

ENSIMAG   **Sep 2023 – Present**
Engineering degree in Software Engineering, Expected Jun 2026   *Grenoble, France*

- **Relevant Coursework:** Data Structures & Algorithms, Concurrent Programming, Database Systems, Cryptography, Machine Learning

Aix-Marseille University   **Sep 2021 – Jun 2023**
Bachelor of Science in Computer Science & Mathematics, GPA 4.0/4.0   *Marseille, France*

- **Relevant Coursework:** Object-Oriented Programming, Algorithms, Numerical Methods, Probability Theory

Technical Skills

Programming Languages
Python, Java, C, Rust (Learning)
SQL, TypeScript, MIPS Assembly, Bash

Development Tools
Git, Docker, Jenkins, GitLab CI/CD
SonarQube, JIRA, Maven, Gradle

Frameworks & Technologies
Spring Boot, REST APIs, React, Next.js
Tailwind CSS, Node.js, MySQL, MongoDB
Angular

Core Concepts
Object-Oriented Programming
High-Performance Systems, Caching
Real-time Processing, System Architecture