

Arnaud Chaubet

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🐙 [xephir64](#)

Skills

Languages	C, C++, Java, Rust, Ada, Python, Scheme, HTML, CSS, JavaScript, TypeScript
Frameworks	Node.js, NestJS, Angular, Express.js, Three.js
Systems	System programming on Linux: IPC (Shared Memory, Queues, Pipes, Sockets, Semaphores), Processes, POSIX Threads, Bash Scripts
Tools	Git, UML, Docker, RDBMS (Oracle, MariaDB), NoSQL (MongoDB), GNU Make, CMake
Languages	French (Native), English (Intermediate), Spanish (Beginner)

Education

2022-2024	MSc in Computer Science , <i>University of Pau and Adour Countries</i> , Pau, France
2019-2022	BSc in Computer Science , <i>University of Pau and Adour Countries</i> , Pau, France
2019	Scientific Baccalaureate , <i>Lycée de Montardon</i> , France

Professional Experience

2025 - 2026	Java Developer - 1 year , <i>TotalEnergies</i> , Pau, France <ul style="list-style-type: none">○ Maintenance of a pre-processing application for reservoir simulation model creation (Java 21, NetBeans Platform)<ul style="list-style-type: none">- Application maintenance: bug fixing, performance improvements- Enhancements to End-To-End tests (QFTest)
2024	Java Developer Intern - 5 months , <i>Safran Helicopter Engines</i> , Bordes, France <ul style="list-style-type: none">○ Design of an XML document comparator (Java, Apache FOP, JavaFX)<ul style="list-style-type: none">- State-of-the-art review of XML document comparison algorithms- Writing of the technical specification- Definition of the library architecture- Development of the library using the selected algorithm○ Development of a user management interface (NestJS, Angular)

Projects

NES Emulator (Rust, SDL2)

- Development of a NES emulator in Rust

Space Invaders 3D (JavaScript, Three.js)

- Development of a 3D clone of the Space Invaders game

Interests

IT maintenance, troubleshooting and identification of problems, replacement or repair of faulty components

Regular reading of high-tech press

Pratice of Tennis