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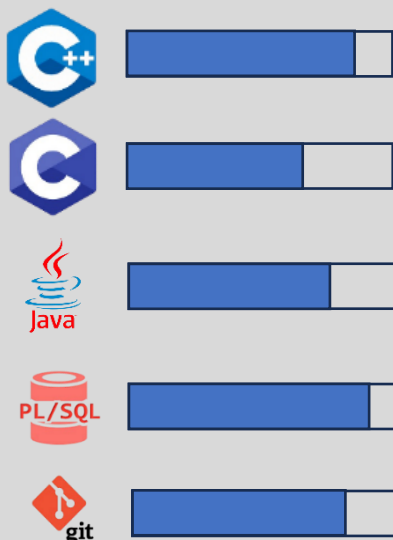
Driver's license with vehicle

CERTIFICATIONS

2022 – Pix

2025 – SENSE

SKILLS



LANGUAGES

French – Native language

English – C1

German – A2

Apprentice in Digital Science at INP ENSEEIHT within Thales Alenia Space

Curious and **rigorous**, impact-driven, I turn vague problems into useful solutions. In the field, my critical thinking and clear communication help ask the right questions, align the team, and choose pragmatic approaches. I **welcome feedback** as fuel for growth and integrate it quickly. Trail running and weight training have taught me **discipline**, **endurance**, and **perseverance** — reflexes I apply daily to stay on course over time. A passionate traveler fascinated by cultures and history, I cultivate genuine **open-mindedness** that strengthens **listening** and **collaboration** with diverse people. My **willingness to learn** is constant (methods, tools, domains) to deliver quickly, cleanly, and with measurable impact.

PROFESSIONAL EXPERIENCE

2025/2028 – Apprenticeship | Cryptographic Software Developer, Thales Alenia Space

- Modular C++ development (POC, design, integration via asynchronous messaging).
- Memory optimization (memory pool, profiling, targeted testing).
- Post-quantum cryptography integration.
- Team work using Linux, C++, GTK; code reviews and short sprints.
- Documentation, testing/demos, and handover.
- **Skills:** quality focus, time management, feedback acceptance.

2025 – Internship / Fixed-term Contract | IT Department, SAFIBRI Group

- Redesign of PDF/DOCX exports (FreeMarker) and DOCX→PDF pipeline.
- Quality assurance: controls, fallback, versioning, documentation → reduced MTTR.
- PRAXED-SQL webservices: mapping, validations, reliability (logs, retries, quotas).
- Interfaces to Sage X3 (SQL procedures, controls, traceability).
- Testing/validation on Forbach & Heillecourt sites, Squash campaigns.
- X3 import tool: pre-checks, real-time monitoring, reporting.
- **Skills:** resilience, time management, feedback acceptance.

2020 – Internships | Chamber of Commerce and Industry

- Deployment and hardening of student workstations (Windows/Office, network, GPO).
- Commissioning of a conference room (A/V setup, cabling, network configuration, user guide).
- **Skills:** autonomy, coordination, communication.

STUDIES

2025/2028 – Engineering degree in Digital Science in a work-study program within Thales Alenia Space – **INP ENSEEIHT**

2023/2025 – Bachelor's degree in Computer Science, Cryptography major, Top of the class – **UFR MIM Metz**

2022 – Baccalaureate in Mathematics, Physics, and Computer Science with honors – **Lycée De La Salle Metz**

PROJECTS

AES implementation with ECB, CBC, and CMAC modes

- Language : C
- AES specification: FIPS 197

Distributed application (C++ Client / Java Server) for managing 2D geometric shapes

- Languages: C++, Java

Dijkstra's algorithm, mobile development of the PACMAN game, ...

