

Nathan Ledergerber

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EDUCATION

42 School – Information Systems Architecture <i>Pursuing an RNCP Level 7 diploma (<u>RNCP39774</u>, equivalent to a Master's degree).</i>	Mulhouse, France Oct 2023 – Present
National School of Civil Aviation <i>Two years of engineering training (<u>IENAC</u>). Interrupted before graduation.</i>	Toulouse, France Sep 2021 – Jun 2023
Kléber High School <i>Undergraduate intensive preparation courses (PCSI / PSI*).</i>	Strasbourg, France Sep 2019 – Jul 2021

WORK EXPERIENCE

Freelance Developer <i>Independent - Fiverr & Upwork</i>	Mar 2023 – Sep 2023
<ul style="list-style-type: none">Supported 20 clients in developing custom trading systems and indicators, generating over €6,000 in revenue.Used Sierra Chart's C++ library to create precise, client-specific trading solutions that met exact requirements.Developed critical project management skills by consistently meeting client deadlines and maintaining effective communication throughout development processes.Optimized service visibility by aligning with Fiverr's algorithm, consistently delivering high-quality work, and maintaining an excellent client feedback.	
Multi-purpose Restaurant Employee <i>Europa-Park</i>	Summers 2019, 2021 & 2022 Rust, Germany
<ul style="list-style-type: none">Performed multiple roles in high-volume restaurants within an amusement park, demonstrating my versatility and adaptability: line cook, barman, server and inventory coordinator.Proactively sought opportunities to expand responsibilities beyond initial job description, consistently volunteering for additional tasks and challenges.Leveraged multilingual skills in German, French, and English to effectively communicate with customers and colleagues.	

PROJECTS (SEE DETAILS ON: [LOUPY.DEV](https://loupy.dev))

ft_ssl <i>C</i>	Ongoing
<ul style="list-style-type: none">Recreating parts of the OpenSSL library, including cryptographic algorithms like SHA-256, DES3 and RSA/DSA.	
ft_transcendence <i>Docker, Django, PostgreSQL, JavaScript, Bootstrap</i>	Feb 2025
<ul style="list-style-type: none">Built a comprehensive full-stack web application centered around the classic game Pong.	
piscines visualizer <i>Python, Flask, Tailwind CSS, Docker</i>	Aug 2024
<ul style="list-style-type: none">Developed a website offering data visualizations for 42 candidates, including rankings and overall progression.	

PROGRAMMING SKILLS

Languages: C/C++, Python, Shell Script, JavaScript, HTML/CSS, Rust, LaTeX
Developer Tools: Git, Make, Docker, GitHubCI, Valgrind, LLDB
Libraries: NumPy, Matplotlib
Frameworks: Flask, Django, Next.js, Node.js
IDEs: Cursor, VS Code, Vim

LANGUAGES

English (Fluent, *B2 Cambridge Certificate*), **French** (Native), German (Intermediate)

INTERESTS

Sports: Gym, Boulderling, Ski, Skydiving
Hobbies: Market Finance, building and flying **FPV Drones**, Analog Photography