NATHAN **VERDIER**

STUDENT IN MASTER EMBEDDED SYSTEM

23 YEARS

CONTACT

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in Linkedin

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🌐 Portfolio

🎯 Category B, A2 driver's license

PROFILE

Currently in my first year of the SETSIS Master's program, I am seeking a 6-month internship starting in March to expand my skills in the exciting field of computer science. I am passionate, driven, and eager to learn.
I dedicate time to helping and supporting my grandparents.

HOBBIES

- Bodybuilding (2ans)
- Tennis (7ans)
- Guitar (Self-taught)
- 6 months alone (Quebec)
- 1 month alone (USA)

LANGUAGES

- English (B1/B2)
- French (mother tongue)

EDUCATION

Master Program on Embedded System for Signal, Image and Sound Processing

EUPI, Clermont-Ferrand (France)   2024-PRESENT

- More detail : http://setsis.eupi.uca.fr/

Bachelor Universitaire de Technologie Informatique
IUT Informatique, Clermont-Ferrand (France)   2021 - 2024

- University Diploma in Computer Science.
- Recipient of the 'Responsible Digital' award at the '24 Hours to Entrepreneur' event.

Diplôme Informatique, 2 cycle
UQAC, Chicoutimi (Canada G7H 2B1)   JANUARY 2023 - JUNE 2023

- Undergraduate Certificate in Computer Science for Exchange Students.

WORK EXPERIENCES

IMAAAGERY, Clermont-Ferrand (France)   2023 - 2024
Work-study program in Web, Machine Learning, and Deep Learning

- Solid experience in machine learning and deep learning.
- Segmentation, classification, and clustering.
- Proficient in using PyTorch, YOLOv8, KNN, and various machine learning algorithms.
- Developed web tools using React JS and Radix UI.

UQAC, Chicoutimi (Canada)   APRIL 2023 - JUNE 2023
Video Game Development Internship

- A 10-week period at the Computer Science Laboratory of UQAC.
- Worked with Unreal Engine, C++, and Perforce.

SKILLS

Programming Languages : C, C++, C#, Java, Python, Bash, Zsh, .NET, VHDL

Front-End & Mobile : React JS, React Native, HTML, CSS, PHP, Swift, Kotlin

Databases : Oracle SQL, PostgreSQL

Operating Systems : Linux (Debian 12), Windows 11 : used daily
macOS: Primarily used for development purposes.

Hardware & Embedded Systems : Arduino, Raspberry Pi 4, WIO Terminal (hobby)
FPGA : MAX10 (10M50DAF484), ESP32, BCM2837B0

Protocoles : I2C, SPI, CAN

Machine Learning & AI : Oracle SQL, PostgreSQL

Tools & Version Control : Visual Studio Code, Visual Studio, Vim, Git, Latex

Continuous Integration & Continuous Deployment (CI/CD): CI/CD pipelines and automation