



23 YEARS

## CONTACT

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- 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 in Australia 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)

# NATHAN VERDIER

STUDENT IN MASTER EMBEDDED SYSTEM

## EDUCATION

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

EUPI, Clermont-Ferrand (France)

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



2024-PRESENT  
ÉCOLE UNIVERSITAIRE  
DE PHYSIQUE ET D'INGÉNIERIE  
Université Clermont Auvergne

### 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.



IUT CLERMONT AUVERGNE  
Aurillac - Clermont-Ferrand - Le Puy-en-Velay  
Montluçon - Moulins - Vichy

### 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

**Databases :** Oracle SQL, PostgreSQL

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

**Hardware &** Arduino, Raspberry Pi 4, WIO Terminal (hobby)

**Embedded Systems :** FPGA : Altera Cortex-A53, 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