



VALENTIN DEROUET

LOOKING FOR A PHD POSITION

I am **Valentin Derouet**,

a French engineering student specialized in telecom network architecture and systems.

I am particularly interested in optical networks, programmable infrastructures, and data-driven monitoring.

I aim to bridge network engineering and research by combining experimentation, modeling, and data analysis to improve telecom infrastructures. Currently, I am seeking a **PhD position** in telecom networks, focusing on optical systems, monitoring technologies, and intelligent network management.

Engineering degree in Computer Science
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EDUCATION

Graduate school of Engineering, part of Rennes University

ENSSAT

2023 - 2026 | Lannion

Pursuing an engineering degree in computer science through an apprenticeship at Orange Business.



Two-Year Technical Degree in IT Services and Organizations

Institut d'Informatique Appliquée

2021 - 2023 | Saint-Berthevin

Under an apprenticeship contract with the Departmental Fire and Rescue Service of Mayenne.



High School Diploma - B grade

Lycée ALAIN

2018 - 2021 | Alençon

Obtained a diploma in Science and Technology of Industry and Sustainable Development (with honours).

EXPERIENCE

National Institute of Informatics



Japan, April to August 2026

As a research intern, I will work on a speech prediction model for active speech suppression, focusing on anticipating speech signals to enhance real-time noise control performance, improve suppression efficiency, and ensure robust and stable operation in adaptive audio systems.

Orange Business

Network Engineer | 2023 - 2026



As a network architect, I work on Software Defined Networking (SDN) for WAN, optimizing network performance, and ensuring efficient data flow. My role includes implementing advanced solutions, managing security protocols, and designing scalable network architectures to meet organizational needs and future growth.

SDIS de la Mayenne - 53

Technician | 2021 - 2023



As an IT technician, I supported the team in maintaining and improving the IT infrastructure of 46 fire stations in Mayenne. My role included managing AD, DNS, and DHCP, ensuring the 24/7 operational maintenance of the emergency radio network, and providing user support. I also worked autonomously to optimize service

SKILLS

Network architecture

CPE engineering, large-scale network design, SD-WAN resilience testing.

Optical & electronic fundamentals

Telecom hardware, signal behavior, lab testing and measurement.

Network hardware engineering

CPE evaluation, lab prototyping, performance analysis and resilience testing.

INTERESTS

DIY Projects

Hi-Fi

Metrology

Project Management

Bass

SoleX

MY LINKS

/IN/VALENTIN-DEROUET

DLR-AUDIO.COM

/STONESET

THINGMILL.FR