

François de Gennaro

Networks and Infrastructure

COMPUTER SCIENCE STUDENT / SEEKING AN INTERNSHIP

English: good spoken and written command

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GitHub / erebethos

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PROFILE

Second-year computer science bachelor's student, certified in Cisco CCST Networking. I am looking to join a network or systems team to analyse configurations, troubleshoot practical problems and develop my skills in infrastructure and automation.

EDUCATION AND CERTIFICATIONS

Bachelor's degree in Computer Science in progress · IPHLF, Mons

Academic year 2026-2027 · second year

Cisco CCST Networking · earned September 2026

Currently preparing for: CCNA and CCST Cybersecurity

TECHNICAL SKILLS

Networking · IPv4/IPv6, subnetting, TCP/IP, Ethernet, DNS and DHCP. Fundamentals validated by CCST; further study towards CCNA.

Systems · Daily Arch Linux use, Bash command line and remote SSH access between personal machines.

Cloud and deployment · Azure VMs, NSGs and Container Instances in coursework; Git, GitHub Actions, SSH and rsync for the portfolio.

Code and data · Object-oriented Java, SQL/MariaDB, HTML/CSS/JavaScript. Learning Python for automation.

PROJECTS AND PRACTICAL WORK

Linux and Azure

PERSONAL PRACTICE AND COURSEWORK

SSH access between Linux machines. Deployed a VM and a Docker image on Azure Container Instances; added an HTTP rule to an NSG and investigated region policies and VM size restrictions.

Bilingual portfolio and deployment pipeline

PERSONAL PROJECT · 2026

Published a French/English HTML/CSS/JavaScript site on o2switch. GitHub Actions pipeline with tests, rsync transfer over SSH and HTTPS verification. Browser-based IPv4/CIDR calculator and network challenge.

Palimpseste · Java and SQL

ACADEMIC PROJECTS

Java console application with domain objects, collections and serialisation-based persistence. Separate MariaDB project with relational modelling, constraints, triggers, procedures and test scripts.

Track, Flag & Execute

FINAL-YEAR PROJECT IN DESIGN · 2026-2027

Network visualisation and diagnostics tool for network administrators. Scope definition, user stories, acceptance criteria and UML modelling; simulation engine still to be developed.