

FLORENT LECOULTRE



Student internship from 16th of January to 30th of June 2023
Computer scientist interested in system and network
Fast learner, always curious and looking to explore new horizon

CONTACT

✉ flecoultre@hotmail.fr
☎ +33684538670
📍 Gex, France
🌐 Florent Lecoultré

SKILLS

Network

Internet protocols

IPv4/6, TCP, HTTP, DHCP, DNS

Routing

RIP, IS-IS, OSPF, BGP, LFA

Wireless and IoT

Wifi, 802.15.4, LoRa

System and security

Operating System

Linux, Cisco IOS, Junos OS

Virtualisation

Docker, Docker-compose, Qemu

Automation

Consul, Nomad, Kubernetes, CI/CD

Security and analysis

Nmap, Tcpdump, Iptables, Firewall

Scripting: Python, Bash

Database: Postgres, InfluxDB

General programming

C/C++, Python, Java, JS, P4

Visualisation: matplotlib, gnuplot

Data analysis: Numpy, Scipy, Pandas

Languages

French

native

English

level B2/C1

Spanish

level A2



WORK EXPERIENCE

📅 (two months) June - July 2022

📍 CERN, Meyrin, Switzerland

Intern at CERN

Monitoring and generation of configuration for Network's equipment on the LHCb experiment. The monitoring was done using Elastiflow and the ELK stack.

📅 June 2020

📍 Laboratory LIRMM, Montpellier, France

Intern at a lab

Creating a software that captures and display the consumption on various operating system. This project was done with three other interns.

📅 July 2017 - April 2018

📍 Swiss Army, Switzerland

Soldier and driver

Soldier and driver of the troops as part of the Swiss national service.

EDUCATION

📅 2021-now

📍 University of Strasbourg

Specializing my study in network and systems with extra courses in communication and management

Master in engineering of network, internet and system

📅 2020 - 2021

📍 University of Helsinki

Exchange student

📅 2018 - 2021

📍 University of Montpellier

B.SC in Computer Science

General computer science courses (Algorithmic, Database, etc.) complemented with extra-courses in communication, management, and engineering

ACHIEVEMENTS

🏆 **Association:** president of the association MIAM for the CMI in Montpellier 2019-2020

🏆 **Rallye raid:** president of the association and participation to 4L Trophy in 2019

🏆 **Rugby:** playing in the young Swiss national team and winning European cup U18

OTHER ACTIVITIES

► **Master project:** ongoing project. Working as a project manager for a team of 6.

► **Summer job:** a seller in a sports shop and a dishwasher at the Geneva Hospital.