

Marius Lhôte

Curriculum Vitae

Lausanne, Switzerland

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Education

2021–Present **Bachelor in Communication Systems, EPFL, Lausanne, Switzerland**

Expected Graduation: 2025

- Relevant coursework: Algorithm, Computer Systems, Introduction to Machine Learning, Numerical Methods for Visual Computing and Machine Learning
- Projects:
 - Implemented different models using PyTorch to classify the Fashion-MNIST dataset reaching an accuracy of 90%.
 - Command-line utility in C to manage images in a specific format file system.
 - Simple Memory Game WebApp using Scala.
 - Simple copy of flightradar24 using Java and JavaFX.

Personal Projects

Game of Life in GO

- Implemented Conway's Game of Life in GO with the Fyne library.
- This project taught me how to use GO and build software without guidance.

Associative Experience

Sept 2023– **Sponsorship Manager, EPFL Nuit de la Magistrale**

- Present
- Secured sponsorships worth over CHF 20'000 increasing the event's budget by 10%.
 - wrote a mailer in Python to automate the sending of personalized emails to sponsors.
 - sent 1000 personalized emails to potential sponsors and received a 10% response rate.

June 2024– **Logistics Manager, EPFL CLIC**

Present

Teaching and Peer Support Experience

Sept 2023– **Mentor, EPFL**

- Dec 2023
- Provided guidance and support to help 6 first-year students to adapt to university life.
 - Organized mentoring sessions to help 10 students once a week with their coursework.
 - Organized and gave a course on how to use Git. This course was given to 100 students and recorded.

Feb 2024– **Teaching Assistant, MAN - Informatique et Calcul Scientifique, EPFL**

- June 2024
- Helped students with their homework during the exercise sessions and on the course forum.

Skills

Programming Languages Python, Scala, Java, GO, C

Frameworks PyTorch, NumPy, Matplotlib, Fyne, JavaFX, smtp lib

Tools Git, Jupyter Notebook, Google Colab, yaml, Latex

Languages

French Native

English Fluent