

# Yanisse Ferhaoui

## Master 2 Computer Science student

Motivated and rigorous, I'm looking for an internship that will enable me to complete my university studies, as well as open me up to the world of work. Mainly in the field of image processing or software development, starting in February 2025 and lasting 5 to 6 months.



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B driving licence



## SCHOOL CAREER

September 2023 - Today

### Master's degree in Computer Science : Image, Development and 3D Technologies (ID3D)

Université Claude Bernard Lyon 1 (Villeurbanne)

- Research project: Automatic segmentation of the respiratory system using deep learning methods: 3D reconstruction of the diaphragm. In python with Tensorflow.
- Construction and coding of a LEGO robot for catching and transporting balls and cubes. In C++ with openCV and EV3Dev.
- Contour and region detection in C++ and python with openCV.

September 2020 - July 2023

### Bachelor in Computer Science

Université Claude Bernard Lyon 1 (Villeurbanne)

- Convolutional neural networks for image classification : website with drawing area and prediction facility.
- Project : Turn-based combat game with 2D graphics display in C++ with SDL2 framework.

## SKILLS

- Programming :
  - C++, Python, Java
- Machine/deep learning :
  - Tensorflow, Scikit-learn, Keras
- Computer Vision :
  - OpenCV, Pillow
- Project management with git
- 3D image synthesis with OpenGL

## HOBBIES

Sports : athletics, cycling, weight training

Reading

Video games

## PROFESSIONAL EXPERIENCE

May 2023 - June 2023

### Php/Symfony web developer

AMS Association Mantes Solidarité - Mantes-La-Ville

- Addition of multiple features :
  - Payment form.
  - Donation management interface for administrators.
- Regular presentation of the work provided.
- Collaborative work.

## OTHER EXPERIENCES

July 2024 - August 2024

### Roadside assistance officer

Arc Europe France - Limonest

December 2022 - June 2023

### Multi-skilled team member

Burger King - Lyon Confluence

July 2021 - September 2022

### Service manager

Domino's Pizza AVB4 - Oullins

## SOFT-SKILLS

English : B2-C1  
Spanish : B1-B2

Sociability  
Teamwork skills  
Adaptability  
Dynamic