

# Clément Herbin

## ENGINEERING STUDENT AT ENSEEIHT

I am a student majoring in Computer Science. I am passionate about artificial intelligence and computer vision. I would like to work in the aerospace industry.

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## EDUCATION

### Engineering school diploma ENSEEIHT

09/2022 - Present

Toulouse

#### Informations

- A top-ranking engineering graduate school based in Toulouse, France.
- Major in Computer Science and Applied Mathematics.
- Erasmus semester at the Barcelona School of Informatics of the Polytechnic University of Catalonia with a specialization in data science and high-performance computing.

### Bachelor in Computer Science University of Lille

09/2019 - 08/2022

Lille

#### Informations

- I have helped first and second year students in computer science.

### High School diploma, scientific option Lycée Jesse de Forest

09/2016 - 06/2019

Avesnes sur Helpe

#### Informations

- Major in Mathematics, Physics and Life and Earth Science.

## WORK EXPERIENCE

### Full-stack developer internship Thales

06/2023 - 09/2023

Toulouse

#### Achievements/Tasks

- I developed microservices and tools for monitoring. (Golang, Docker, Prometheus)

### Member Tolosat

10/2022 - Present

Toulouse

#### Achievements/Tasks

- 100% student led nano-satellite project
- Member of the On-Board Computer team

### Full-stack developer internship Alloa Voyages

04/2022 - 08/2022

Lille

#### Achievements/Tasks

- I migrated and developed an ERP system. (Golang, gRPC, GTK, JS, HTML, CSS, WebAssembly)

## SKILLS

HTML - CSS - JS

C - C++ - Golang - Java

Julia - Python - Tensorflow

Prometheus

NodeJS - ReactJS - Fastify - Tailwind

PGSQL - MongoDB

Makefile - Git

gRPC

## PERSONAL PROJECTS

### Mask classification (01/2022 - 04/2022)

- Development of an artificial intelligence capable of detecting the way a surgical mask is worn in real time. (Python, Tensorflow, Keras, Numpy, Matplotlib, Pandas, OpenCV)

### Pathfinding algorithm visualisation (2022)

- Development of web application that displays different graph algorithms. (HTML, CSS, JS, ReactJS)

## CERTIFICATES

### TOEIC (02/2022 - 02/2024)

840 points

## LANGUAGES

French

Native or Bilingual Proficiency

English

Professional Working Proficiency

Spanish

Elementary Proficiency

## INTERESTS

Artificial Intelligence

Computer Vision

Embedded systems

Astronomy

Aerospace

Badminton

Video games