

# BENOIT FAURE

Engineering student in Computer Science and Artificial Intelligence at IMT Mines Ales. I am currently looking for a **3-4 month internship** as a **Student Researcher, Software Engineer** or in the field of **Artificial Intelligence**. Available from May to August 2023.

## Contact

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 benoitfaureimt.github.io

 /benoit-faure

 /BenoitFaureIMT

## Soft Skills

- **Avid Learner**
- **Autonomous**
- **Team Work**  
Communication, Leadership
- **Problem Solving**

## Technical Skills

- **Programming**  
Python, Java, Matlab, C#...
- **Algorithmic**
- **Machine learning**
- **Computer Vision, Image Processing**
- **Computer Networks**
- **Research Methodology**
- **Tools**  
UNIX, Windows, Git, Unity, Tensorflow/PyTorch...

## Languages

- **French** - *fluent*
- **English** - *fluent*

## Hobbies

- **Sports**  
Bodybuilding, Powerlifting, Swimming
- **Computer Science**  
Artificial Intelligence, new Technologies
- **Travel and Discovery**  
Left France for 9 years

## Experiences

August 2022

### Student Researcher - Internship - IMT CERIS Laboratory

5 weeks spent solely on a fisheye tracking project .

#Tensorflow #PyTorch #Python #RCNN

July 2022

### Mission Advisor - Tiny Fungi

Did market research, a social media study, found suppliers and technological solutions for the Tiny House start up Tiny Fungi.

June 2022

### Student Researcher - CERIS Laboratory (Extracurricular)

Fisheye tracking project with SORT and YOLO inspired algorithms

Publication: "*Performance of Recent tiny/small YOLO Versions in the Context of Top-view Fisheye Images*"

Awaiting review: "*FORT: Fisheye Online Realtime Tracking with an improved Kalman Filter*"

Youth

### Personal projects

Self taught multiple programming languages and programming notions. Allows me to problem solve, work autonomously and learn new programming concepts quickly. I have utilized: C#, Python, OCaml, Java, Matlab, Javascript and Arduino.

## Education

Present

### IMT Mines Ales - Engineering education

MSc. in Computer Science and Artificial Intelligence

Generalist engineering degree

June 2021

### Lycée La Martinière Monplaisir - MPSI and MP

Conceptual Mathematics, Physics and Computer Science

September 2019

### Middle and High school in China and Saudi Arabia