

BENOIT FAURE

Engineering student specializing in Artificial Intelligence, currently pursuing a double degree from UQAC and IMT Mines Alès.

Contact

✉ benoit.faure.cesar@gmail.com

☎ +33 (0) 7 71 69 14 76

🌐 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**
Grew up in France, China and Saudi Arabia

Experiences

August 2023

R&D Intern - AREAS.ai

Knee IRM segmentation with Deep Neural Networks, Camera calibration for SLAM and prototyping with 3D printing

May 2023

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

Market research, social media study, suppliers...

June 2022

Student Researcher - CERIS Laboratory (Extracurricular)

Fisheye tracking project with SORT and YOLO inspired algorithms.

Publications

FORT: Fisheye Online Realtime Tracking with an Improved Kalman Filter.

Odic, N., Faure, B. and Magnier, B., IEEE, 2023

Performance of recent tiny/small yolo versions in the context of top-view fisheye images.

Faure, B., Odic, N., Haggui, O. and Magnier, B., Springer IP, 2022

Education

Present

UQAC - Master's Degree

MSc. in Computer Science and Artificial Intelligence

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

High School in Saudi Arabia (3 years)

International Baccalaureate (IBO) and US SAT

September 2016

Middle School in China (6 years)

Dulwich college Shanghai