



Benoit Faure

Junior Artificial Intelligence Engineer

Contact

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in /benoit-faure

🐙 /BenoitFaure

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

Tracking people through a fisheye camera placed on a drone.

#Tensorflow #PyTorch #Python #RCNN

July 2022

Mission Advisor - Tiny Fungi

Market research, planning social media presence and establishing supplier channels for a tiny house construction start up.

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