Benoît BOIDIN

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Education

2022–2024	MASTER in Computer Science (specialized on AI and signal processing)
2021–2022	Internships & immersive English speaking acquisition at UCSD
2018–2021	BACHELOR in Mathematics and Computer Science

Professional Experience

2024 MaxSea Int.	Real time marine vessel detection using neural networks. Data gathering, model training and MLOps integration
2021–2024 CNRS LaBRI	<u>Freelance</u>: serve as a fullstack developper on MonProjetSup at LaBRI, commissioned by the Ministry of Education. Numerous data extraction tasks. <u>Student job (fixed term)</u>: Web development (MonProjetSup). Natural Language Processing (NLP) for keyword extraction (TF-IDF, YAKE!, RAKE...). <u>Internship</u>: creation of SVM performance measurement tool for Parcoursup (french platform for college admissions)
2021 ERIC Lab.	Improvement of PertInInt, a genetic cancer identification framework so it can work in the gaussian case

Hard Skills

- Computer vision (Yolo X, Resnet...)
- Deep Learning (PyTorch, Tensorflow)
- Natural Language Processing (NLP)
- Clustering (KMeans, knn, OPTICS...)
- Quantization (OpenVINO)
- Data vizualisation (SGBD, FiftyOne)
- LaTeX
- UNIX (Linux, MacOS), Windows

Soft Skills

Languages
- French fluent (natif)
- English fluent
- German B2

Personal qualities

Analytical personality, focused and result oriented. Composed and conscientious. Ability to work in a team and efficiently communicate. Good knowledge of Agile framework and MLOps principles.

Hobbies

Outdoor climbing, ski, mountaineering, trekking, piano (baroque, minimalist)