PIERRE LAGUE

STUDENT IN MACHINE LEARNING
APPLYING FOR A 1-YEAR APPRENTICESHIP

CONTACT

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SOFT SKILLS

- Team work
- Critical thinking
- Creativity
- Adaptability
- Problem solving
- Curiosity

TECHNICAL SKILLS

- Pytorch, Tensorflow, Keras
- DL, NLP, MARL
- SQL, MySQL
- Data Mining
- AWS
- Git

PROGRAMMING LANGUAGE

- Python / R
- Scala
- Java
- C++ / C / C#

SPOKEN LANGUAGE

- English (bilingual)
- French (native)

PROFESSIONAL PROFILE

I am a machine learning student pursuing a Master of Science degree with hands-on experience in developing, implementing, and optimizing AI projects. Through a blend of theoretical knowledge and practical work in public laboratories and corporate settings, I've honed my skills as a quick learner, critical thinker, and problem solver. My track record includes delivering successful projects that have garnered satisfaction from supervisors and clients in dynamic and challenging environments.

WORK EXPERIENCE

AI Research Engineer Intern - CNRS

January 2023 - February 2023

Effectively led a performance evaluation of a newly developed ML algorithm for 3D point cloud classification for a PhD student (now postdoc. at ESA). Had to adapt to new type of data and framework (CloudCompare). The short duration made the ambitious project very intense, but throughout communication and autonomy the project was successfully completed. Brought new data and results to the PhD student and research team.

AI Research Engineer Intern - CNRS

May 2022 - August 2022

Led a cutting-edge project on semantic segmentation for aerial drone imagery funded by the National Research Institute. I immersed myself in complex models like Unet, PsPNet, DeepLab, and MaNet to train and evaluate models on limited data. When initial results fell short, I pivoted to object detection, developing a successful pipeline. My work impressed the research team, leading to a successful presentation of my work in a meeting.

AI Engineer Intern - Accenture Technology, Nantes

April 2021 - July 2021

Took part in the development of PoC in the R&D laboratory, Liquid Studio. The aim was to build a predictive model for road condition assessment based on open data. I had to learn a new ML environment (Datalku) and develop some data processing pipelines in Python. The project developed my skills in communication, adaptability and working under time constraints for clients.

EDUCATION

Sept. 2023 MSc. - University of Lille
Master in Machine Learning - in progress

Sept. 2022 - June 2024 MSc. - UTC
Master in Complex Systems Engineering - 1st year with honors
GPA 4.0/5

Sept. 2021 - June 2023 BSc. - University of South Britany
Bachelor in Computer Science - graduated, class major
GPA 4.5/5

2019 - 2021 - IT Associate Degree - University of South Britany