Lounès Meddahi

MSc student passionated in Artificial Intelligence

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EU citizenship (French)

Summary

I'm a master student in Computer Science in France, passionnated about Artificial Intelligence. I'm mostly intersted in Computer Vision and Reinforcement Learning, but I'm open to work on other projects. Contact me if you want to discuss interesting topics.

Education

2022–2025 **M.Sc. in Computer Science**, *École Normale Supérieure de Rennes*, Rennes
The École normale supérieure de Rennes prepares, through a high-level cultural and scientific training, students for fundamental or applied scientific research.

2019–2022 **B.Sc. in Mathematics and Computer Science**, *University of Lille*, Lille
Summa cum laude.
BSc thesis : A Proof of Identification for a blockchain based LoRaWAN join procedure.

Experience

Vocational

2022–Now **Deep Learning researcher**, *IRISA – EMPENN*, Rennes
Deep Learning for chronic stroke lesion segmentation in brain MRI (Python, Keras).

2022 **Blockchain Research Intern**, *IMT Nord-Europe – CERI SN*, Villeneuve d'Ascq
3-month state-of-the-art research in blockchain applied to IoT network performance.
Detailed achievements:
○ Design and development of a new method based on blockchain to improve performance in IoT networks.
○ End-to-end development (Python): model design, tests and results.
○ Submission of results to an international conference; Source code shared in open source.

2021 **Reinforcement Learning Intern**, *University of Lille*, Villeneuve d'Ascq
2-month discovery internship in research and Reinforcement Learning.
Detailed achievements:
○ Reading and implementation of different algorithms from the scientific literature (Python).
○ Interpretation and in-depth study of the algorithms; Source code shared in open source.

Skills and Interests

Languages French, English (Proficient), Spanish (Basic)
Coding Python, C, Java
Libraries tensorflow, keras, scikit-learn
Tools LaTeX, Linux, Git