



● EDUCATION AND TRAINING

04/09/2023 – 28/06/2024 Lyon, France

LICENCE DE SCIENCES, TECHNOLOGIES, SANTE MENTION INFORMATIQUE PARCOURS TYPE INFORMATIQUE FONDAMENTALE Université Claude Bernard Lyon 1

- algorithmics and data structures (algorithm design, complexity analysis, sorting and searching techniques) - mathematical foundations of computer science (discrete mathematics, linear algebra, mathematical logic, probability and statistics) - theory of computation and formal languages (automata theory, computability, complexity theory) - computer architecture, operating systems and computer networks fundamentals - programming languages and paradigms (procedural, object-oriented and functional programming)

Level in EQF EQF level 6

09/09/2024 – 17/07/2026 Lyon, France

MASTER 2 INFORMATIQUE PARCOURS INFORMATIQUE : CONCEPTS ET APPLICATIONS École Normale Supérieure de Lyon

Machine Learning, Deep Learning, Probability Theory, Cryptography, Linear Programming, Generative Models, Optimal Transport, Databases

Level in EQF EQF level 7

● WORK EXPERIENCE

STAGIAIRE DE RECHERCHE – INRIA – 06/05/2024 – 26/07/2024 – GRENOBLE, FRANCE

Benchmarked the Logic Tensor Networks neurosymbolic framework on structured reasoning tasks.

RESEARCH INTERN – MCGILL UNIVERSITY – 05/05/2025 – 01/08/2025 – MONTRÉAL, CANADA

Designed and implemented a novel positional encoding scheme based on RoPE learning for Graph Transformers. Applications to molecular datasets.

STAGIAIRE DE RECHERCHE – INRIA – 16/02/2026 – 17/07/2026 – LYON, FRANCE

Investigating theoretical convergence properties of PnP-Flow, a Flow Matching-based solver for inverse image problems. Designed a provable method for generative inverse problem in imaging. Submission of an article to ICLR 2027.

● SKILLS

Python (computer programming) | C++ | C/C++ (discrete) | ML/DL libraries PyTorch Numpy Pandas Scikit-learn Matplotlib | artificial neural networks | scientific research methodology

● LANGUAGE SKILLS

Mother tongue(s): **FRENCH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user