



Valentin Cuzin-Rambaud

PHD CANDIDATE

Université Lyon 1, INSA Lyon, CNRS, LIRIS, UMR 5205, Lyon, France

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*First-year PhD candidate on multi-agent reinforcement learning (MARL),
focusing on communication-based methods.*

Research

PhD thesis on Multi-Agent Reinforcement Learning (MARL)

oct 2025 - oct 2028

LIRIS LAB, SUPERVISED BY LAËTITIA MATIGNON AND MAXIME MORGE

Lyon, France

- Exploring new graph-based communication approaches for hierarchical and transferable learning

Research internship in self-supervised learning for link prediction

feb 2025 - july 2025

LIRIS LAB, SUPERVISED BY RÉMY CAZABET AND MATHIEU LEFORT

Lyon, France

- Implementation and comparison of graph-based contrastive learning methods for link prediction

VIRAL: Vision-grounded Integration for Reward design And Learning

dec 2024 - may 2025

UNIVERSITY LYON 1, SUPERVISED BY BRUNO YUN

Lyon, France

Publication

Valentin Cuzin-Rambaud, Laetitia Matignon, Maxime Morge. “A Survey of Multi-Agent Deep Reinforcement Learning with Graph Neural Network-Based Communication”. Rencontres des Jeunes Chercheurs en Intelligence Artificielle (RJCIA), 2026, Arras, France. <hal-05603249>

Valentin Cuzin-Rambaud, Mathieu Lefort, Rémy Cazabet. “Instance Discrimination for Link Prediction”. preprint, under submission at Data Mining and Knowledge Discovery (DMKD), 2026. <hal-05618953>

Valentin Cuzin-Rambaud, Emilien Komlenovic, Bruno Yun. “VIRAL: Vision-Grounded Integration for Reward Design and Learning”. LLAIS workshop@ECAI, 2025, Bologna, Italy. <hal-05368143>

Education

Master's degree in Computer Sciences, AI specialization

2023 - 2025

UNIVERSITY LYON 1

Lyon, France

Bachelor of Computer Sciences

2020 - 2023

UNIVERSITY LYON 1

Lyon, France

Others Jobs

Computer Science Teacher

oct 2025 - oct 2028

UNIVERSITY LYON 1

Lyon, France

- Teaching various computer science courses at University Lyon 1 (64h per year)

IT Tutor

nov 2023 - dec 2023

UNIVERSITY LYON 1

Lyon, France

Additional Skills

Programming language

Python, C/C++, Java, Shell, Prolog, SQL, Javascript, Rust

Machine learning

Pytorch, Pandas, Scikit-Learn, Networkx, ...

Language

French (native language), English (B2 TOEIC)

Licence

driving (2022)

Hobbies

Funk musician (*Bassist since 2018*), Sports like hiking and cycling