

YOANN POUPART

Trainee Researcher & Tech-savvy

Paris, France @ yoann.poupart@ens-lyon.org



RESEARCH EXPERIENCE

Visiting Researcher LIP6, Sorbonne University

Mar. 2024 - Ongoing Paris

- Interpretability of multi-agent systems
- Mechanistic Interpretability applied to MARL

Visiting Researcher Fraunhofer HHI

Oct. 2023 - Mar. 2024 Berlin

- Mechanistic interpretability of chess RL models
- Probing, saliency maps, activation patching, etc.
- Continuation to publish the results

Machine Learning Engineer Esker

Jan. 2023 - Sep. 2023 Lyon

- In Context Learning and Semantic Search
- LLM inference, chaining and fine-tuning at scale

Trainee Researcher iCSS

Feb. 2022 - Jul. 2022 Lyon & Canterbury

- Acknowledge and quantify the privacy leakages of Street View
- Face and licence plate detection models

ENTREPRENEURSHIP

CTO (Co-Founder) Blockloads

Jun. 2023 - Ongoing Paris

- Customer-driven development of tailored solutions
- Cloud infrastructure and MLOps integration
- Leading software development (soon hiring interns)

PROJECTS

Apart Lab Fellowship Apart Lab

Jan. 2024 - Ongoing Remote

- Feature analysis of adversarial attacks
- Linear probing and contrast activation vectors

Supervised Program for Alignment Research SPAR

Sep. 2023 - Jan. 2024 Lyon

- Failure modes of predictive agents
- Bayesian formulation and goal-directedness training

ML for Good EffiSciences

Oct. 2022 Lyon

- Study of the AI Safety main issues
- Advanced Deep Learning models

PHILOSOPHY

"Practice makes perfect"

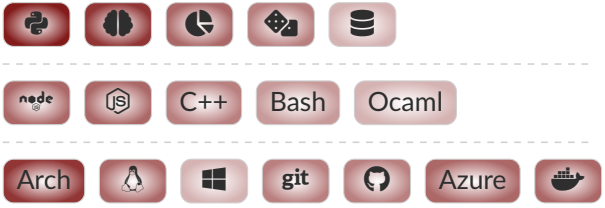
GOALS

- Speak 7 languages fluently
- Climb 8A boulders

PUBLICATIONS

- Ongoing writing on chess interpretability
- Topology-Driven Ordering of Flocking Matter, Physical Review X, 2021.

ROBOTS



HUMANS



EDUCATION

Long Research Project

ENS de Lyon Ongoing Lyon

Master in Complex Systems

ENS de Lyon Aug. 2022 Lyon

REFERENCES

Nicolas Maudet

LIP6, Sorbonne University supervisor (2024)
 LIP6 @ nicolas.maudet@lip6.fr

Ekkehard Schnoor

Fraunhofer HHI supervisor (2023-2024)
 HHI @ ekkehard.schnoor@hhi.fraunhofer.de