

Gaëtan Serré

Student at MVA - ENS Paris-Saclay

✉ gaetan.serre@ens-paris-saclay.fr • Gif-Sur-Yvette, France • 📞 +33 6 74 52 00 93
🐙 GitHub • 🔗 LinkedIn • 🌐 Website

Experience

Tutor

Université Paris-Saclay

Tutor for AI-related courses in L3 computer-science and M1 Maths & IA.

Jan. 2023 - June 2023

Orsay, France

Research intern

LISN & RTE

Organized the 2022 edition of the reinforcement learning series of challenges [Learning to Run a Power Network](#).

May 2022 - Aug. 2022

Gif-Sur-Yvette, France

Research intern

LMF

Improved [Why3](#), a software for deductive program checking.

May 2021 - Jun. 2021

Gif-Sur-Yvette, France

Education

ENS Paris-Saclay

M2 Mathématiques, Vision, Apprentissage

Notables courses: Statistical learning, Bayesian machine learning, Theory of deep learning, Random matrices theory, reinforcement learning.

Sept. 2022 - Aug. 2023

Gif-Sur-Yvette, France

Université Paris-Saclay

M1 Artificial Intelligence

Sept. 2021 - Aug. 2022

Gif-Sur-Yvette, France

Université Paris-Saclay

Double bachelor degree Mathematics & Computer science

Sept. 2018 - Aug. 2021

Gif-Sur-Yvette, France

Publications

Experimental Improvements of Global Optimization Algorithms for Lipschitz Functions

2023 - IPOL journal

Reinforcement learning for Energies of the future and carbon neutrality: a Challenge Design

2022 - Pre-print

Conferences

NeurIPS, AutoML Decathlon 2022 solution presentation.

07 Dec. 2022 - New Orleans, USA

IEEE WCCI IJCNN, L2RPN 2022 presentation.

20 Jul. 2022 - Padova, Italia

Skills

Programming Languages

Python | C++ | OCaml | CUDA

Libraries

Pytorch | Tensorflow | SB3 | RLlib | scikit-learn | ONNX | numpy | matplotlib

Tools

Git | \LaTeX | Jupyter | SSH | Linux | macOS

Languages

Native: French | **Fluent:** English (TOEIC 945)