



Gaëtan Serré

PhD student at Centre Borelli

ENS Paris-Saclay

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Experience

Research intern

Centre Borelli - ENS Paris-Saclay Tutor: [Nicolas Vayatis](#)

Pre-PhD internship on stochastic global optimization and sampling in manifold methods.

Apr. 2023 - Sept. 2023

Gif-Sur-Yvette, France

Research intern

LISN & RTE Tutor: [Isabelle Guyon](#)

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 Tutor: [Jean-Christophe Filliâtre](#)

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

May 2021 - Jun. 2021

Gif-Sur-Yvette, France

Education

ENS Paris-Saclay

PhD student on stochastic global optimization and sampling in manifold methods.

Oct. 2023 - Now

Gif-Sur-Yvette, France

ENS Paris-Saclay

M2 Mathématiques, Vision, Apprentissage

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 - Arxiv

Conferences

NeurIPS, AutoML Decathlon 2022 solution presentation.

07 Dec. 2022 - New Orleans, USA

IEEE WCCI IJCNN, L2RPN 2022 presentation.

20 Jul. 2022 - Padova, Italia