

# Leello Dadi

CS PhD Student, Graduating in September 2025

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## Education

PhD in Computer Science, EPFL. (2020 - now)

MSc in Applied Mathematics (MVA), École normale supérieure Paris-Saclay (2019)

Engineering Degree, Télécom ParisTech (2019)

Math and Computer Science, Lycée Louis Le Grand, Paris, France (2014 - 2016)

## Internships and Industry collaborations

Amazon, Applied Scientist Intern: Scaling of Diffusion Models.(11.24 - 04.25)

Google-EPFL collaboration, Automatic beautification of free-hand sketches (11.23 - 10.24)

## Selected Publications ([Google Scholar](#))

- “Improving single noise level diffusion samplers with RGOs”  
[L. Dadi](#), A. Janchevski, V. Cevher, *ICLR 2025 Workshop on Deep Generative Models*
- “Generalization of noisy SGD in unbounded non-convex settings”  
[L. Dadi](#), V. Cevher, *ICML 2025*.
- “Faster Inference of Flow-Based Generative Models via Improved Data-Noise Coupling”,  
A. Davtyan, [L. Dadi](#), V. Cevher, P. Favaro, *ICLR 2025*.
- “Finding actual descent directions for adversarial training”  
Fabian Latorre\*, Igor Krawczuk\*, [Leello Dadi\\*](#), Thomas Pethick, Volkan Cevher, *ICLR 2023*.
- “The Effect of Intrinsic Dimension on the Generalization of Quadratic Classifiers”  
Fabian Latorre, [L. Dadi](#), P. Rolland, V. Cevher, *NeurIPS 2021*.
- “Generating Sparse Stochastic Processes using Matched Splines”  
[L. Dadi](#), S. Aziznejad, M. Unser, *IEEE TSP 2020*.

## Skills

Preferred Languages : Python and C++.

Experience with PyTorch, jax, AWS, and mlflow

Open source contributions: Matrix functions for jax ([sqrtm](#), [schur](#))

Languages: English, French

## Teaching experience

TA for Introduction to Computer Science with C++, Mathematics of Data, *EPFL, Switzerland*

Teaching staff for Introduction to algorithms for highschoolers, *Addis Abeba, Ethiopia*