

Education

Harvard University PhD Computer Science – <i>Advisor</i> : Prof. Cengiz Pehlevan, Prof. Sham Kakade Kempner Graduate Fellow	2024 - Present
ETH Zürich MSc Data Science – <i>Advisor</i> : Prof. Gunnar Rätsch, Prof. Francesco Orabona	2020 - 2023
University Politehnica of Bucharest (UPB) BSc Computer Science – <i>Advisor</i> : Prof. Iuliu Vasilescu	2016 - 2020

Research (*: equal co-first, †: equal co-last)**Publications and preprints****A Simplified Analysis of SGD for Linear Regression with Weight Averaging**[arXiv](#)

A. Meterez*, D. Morwani*, C. Oncescu, J. Wu, C. Pehlevan, S. Kakade

Echo Chamber: RL Post-training Amplifies Behaviors Learned in Pretraining[COLM 2025](#)R. Zhao*, [A. Meterez*](#), S. Kakade, C. Pehlevan, S. Jelassi†, E. Malach†**The Optimization Landscape of SGD Across the Feature Learning Strength**[ICLR 2025](#)A. Atanasov*, [A. Meterez*](#), J. Simon*, C. Pehlevan**Why do Learning Rates Transfer? Reconciling Optimization and Scaling Limits for Deep Learning**[NeurIPS 2024](#)L. Noci*, [A. Meterez*](#), T. Hofmann, A. Orvieto**Towards Training Without Depth Limits: Batch Normalization Without Gradient Explosion**[ICLR 2024](#)[A. Meterez*](#), A. Joudaki*, F. Orabona, A. Immer, G. Rätsch, H. Daneshmand**Aligning Distant Sequences to Graphs using Long Seed Sketches**[RECOMB 2023](#), [Genome Research](#)A. Joudaki*, [A. Meterez*](#), H. Mustafa, R. Groot Koerkamp, A. Kahles, G. Rätsch**Towards Workflows for the Use of AI Foundation Models in Visual Inspection Applications**[EUROSTRUCT 2023](#)M. Rigotti, D. Antognini, R. Assaf, K. Bakirci, T. Frick, I. Giurgiu, K. Janoušková, F. Janicki, H. Jubran, C. Malossi, [A. Meterez](#), F. Scheidegger**Experience**

Max Planck Institute for Intelligent Systems Research Intern	Tübingen, Germany Nov. 2023 - Feb. 2025
IBM Research Research Intern	Zürich, Switzerland Sept. 2022 - Feb. 2023
Adobe Software Engineering Intern	Bucharest, Romania Jul. 2019 - Oct. 2019
CAMPUS Research Institute, UPB Student Researcher	Bucharest, Romania Jul. 2018 - Jul. 2020
Sparktech Software Software Engineering Intern	Bucharest, Romania Jul. 2018 - Oct. 2018

Awards

Kempner Fellowship Full support for my doctoral studies.	2024
Grade I Scholarship	2017

Granted by UPB to students with the best grades in the year ($\text{GPA} \geq 9.5$).

Performance Scholarship

Granted by UPB to students with the best grades in the year ($\text{GPA} \geq 9.7$).

2018