

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 contribution)**Publications****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 - Present
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 <i>Granted by UPB</i> to students with the best grades in the year ($GPA \geq 9.5$).	2017
Performance Scholarship <i>Granted by UPB</i> to students with the best grades in the year ($GPA \geq 9.7$).	2018