

**Education**

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

**Research (\*: equal co-first, †: equal co-last)****Publications and preprints****Seesaw: Accelerating Training by Balancing Learning Rate and Batch Size Scheduling**

ICLR2026

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

**A Simplified Analysis of SGD for Linear Regression with Weight Averaging**

OPT25 Workshop (NeurIPS 2025)

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****Hudson River Trading**

PhD Winter

New York City, New York

Jan. 2026 (3 week program)

**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

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<b>Kempner Fellowship</b> Full support for my doctoral studies.	2024
<b>Grade I Scholarship</b> <i>Granted by UPB</i> to students with the best grades in the year ( $\text{GPA} \geq 9.5$ ).	2017
<b>Performance Scholarship</b> <i>Granted by UPB</i> to students with the best grades in the year ( $\text{GPA} \geq 9.7$ ).	2018