

Education

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|---|----------------|
| 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****Echo Chamber: RL Post-training Amplifies Behaviors Learned in Pretraining**

(under review)

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**

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| 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

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| 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 ≥ 9.5). | 2017 |
| Performance Scholarship <i>Granted by UPB</i> to students with the best grades in the year (GPA ≥ 9.7). | 2018 |