

Leander Diaz-Bone

📍 Zürich ✉️ ldiazbone@ethz.ch 🔗 Google Scholar 🔗 leanderdiazbone.github.io in LinkedIn 📄 GitHub

Education

ETH Zürich

MSc in Computer Science

Zürich, Switzerland

Sept 2023 – Feb 2026

- *Thesis:*
- **Courses:** Deep Learning, Probabilistic Artificial Intelligence, Advanced Machine Learning, Foundations of Reinforcement Learning, Large Language Models, Algorithms Lab, Computational Intelligence Lab, Causality, Game Theory & Control, Information Theory I, Model Predictive Control

University of Washington

Exchange Quater

Seattle, USA

Mar 2023 – June 2023

- **Courses:** Modern Algorithms, Computer Security, Software Engineering

ETH Zürich

BSc in Computer Science

Zürich, Switzerland

Sept 2020 – Sept 2023

- *Thesis:* VAEs with Learnable Priors for Learning a Robust Latent Space Representation of Single-Cell RNA Sequencing Data – Presented at Single cell, systems biology and data analytics symposium
- **Courses:** Discrete Mathematics, Linear Algebra, Algorithms & Datastructures, Algorithms & Probability, Calculus I & II, Numerical Methods, Theoretical Computer Science, Probability & Statistics, Intro to Machine Learning, Algorithms Probability & Computing, Visual Computing

Experience

Student Researcher

ETH Zürich

Zürich, Switzerland

Mar 2025 – Sep 2025

- Working on Reinforcement Learning in Prof. Andreas Krause's Learning & Adaptive Systems group.

Machine Learning & Software Engineering Intern

Ergon Informatik AG

Zürich, Switzerland

Mar 2024 – Aug 2024

- Worked on anomaly detection research and development, improving the web application firewall product.

Teaching

Probabilistic Artificial Intelligence Teaching Assistant

ETH Zürich

Zürich, Switzerland

Mar 2024 – Aug 2024

- Held tutorial classes and wrote exercises covering active learning, bayesian optimization and reinforcement learning.

Introduction to Machine Learning Teaching Assistant

ETH Zürich

Zürich, Switzerland

Mar 2024 – Aug 2024

- Held tutorial classes and wrote exercises covering unsupervised learning.

Linear Algebra Teaching Assistant

ETH Zürich

Zürich, Switzerland

Mar 2024 – Aug 2024

- Held weakly tutorial classes and graded homeworks for ~ 50 students.

Digital Design & Computer Architecture Teaching Assistant

ETH Zürich

Zürich, Switzerland

Mar 2024 – Aug 2024

- Held weakly tutorial classes.

Publications & Preprints

Learning on the Job: Test-Time Curricula for Targeted RL

Sep 2025

Jonas Hübötter*, *Leander Diaz-Bone**, Ido Hakimi, Andreas Krause, Moritz Hardt

Submitted to International Conference on Learning Representations (ICLR) 2026

DISCOVER: Automated Curricula for Sparse-Reward RL

May 2025

*Leander Diaz-Bone**, Marco Bagatella*, Jonas Hübötter*, Andreas Krause

In Neural Information Processing Systems (NeurIPS) 2025

Skills

Languages: English (C1), German (Native), Spanish (B1)

Programming Languages (Frameworks): Python (PyTorch, Jax, Numpy), Java, C++