

Martin Wertich

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Education

- ETH Zurich** Zurich, Switzerland
Master of Science ETH in Computer Science Sept 2024 – Present
- **Current GPA:** 5.67/6.0 ([ETH Zurich](#) 📄)
 - **Focus:** Theoretical Machine Learning (Statistical Learning Theory, Data Science)
 - **Major:** Machine Intelligence, **Minor:** Theoretical Computer Science
- Johannes Gutenberg University** Mainz, Germany
Bachelor of Science in Computer Science Aug 2020 – Jul 2024
- GPA: 1.1/1.0 ([Johannes Gutenberg University](#) 📄)
 - Bachelor Thesis: [Exploring the Hidden Structures of Attention Layers in Transformer Models](#) 📄
- Dalarna University** Falun, Sweden
Erasmus+ exchange semester in "Data Science" Aug 2023 – Jan 2024
- Sebastian Münster Gymnasium** Ingelheim, Germany
Abitur (GPA: 1.2/1.0) Aug 2011 – Mar 2020

Research Experience

- ETH AI Center** Zurich, Switzerland
Research Assistant ([ETH AI Center](#) 📄) under the supervision of Barna Pásztor, Ido Hakimi and Prof. Andreas Krause ([LAS Group](#) 📄) June 2025 – Present
- Developed [ActiveUltraFeedback](#) 📄, a RLHF pipeline for Preference Data Generation using Active Learning
 - Improved over UltraFeedback's annotation efficiency by utilizing Epistemic Neural Networks (ENN's)

Professional Experience

- ETH Zurich** Zurich, Switzerland
Assistant in "Introduction to Machine Learning" – Improvement of Ethel Feb 2026 – Present
Teaching Assistant in "Stochastics and Machine Learning (D-MAVT)" Feb 2025 – Aug 2025
- Envision Entertainment GmbH** Ingelheim, Germany
Software Development Intern Apr 2023 – Aug 2023
- Developed a map generation algorithm in C# for the computer game "Pioneers of Pagonia"
- Schott AG** Mainz, Germany
Werkstudent (Working Student) in Machine Learning Sep 2022 – Mar 2023
- Researched and developed explainable AI methods for time series data
- Johannes Gutenberg University** Mainz, Germany
Teaching Assistant in "Introduction to Software Development" Apr 2022 – Oct 2022

Scholarships & Awards

- Deutschlandstipendium** Oct 2023 - Sep 2024
- Awarded annually to 1–2% of German students for outstanding academic performance

ETH Research Projects

- AI Center Project:** [ActiveUltraFeedback: Efficient Preference Data Generation using Active Learning](#) 📄
- Computational Intelligence Lab 2025:** [Uncertainty-Aware Ensemble for Monocular Depth Estimation](#) 📄