

Martin Wertich

📍 Zurich, Switzerland ✉ mwertich@ethz.ch ☎ +41 76 998 37 82 in Martin Wertich 🌐 mwertich
📁 Portfolio

Education

ETH Zurich <i>Master of Science ETH in Computer Science</i> ◦ Current GPA: 5.65/6.0 (ETH Zurich 🔗) ◦ Focus: Theoretical Machine Learning (Statistical Learning & Optimization Theory, Random Matrices) ◦ Major: Machine Intelligence, Minor: Theoretical Computer Science	<i>Zurich, Switzerland</i> <i>Sept 2024 – Present</i>
Johannes Gutenberg University <i>Bachelor of Science in Computer Science</i> ◦ GPA: 1.1/1.0 (Johannes Gutenberg University 🔗) ◦ Bachelor Thesis: Exploring the Hidden Structures of Attention Layers in Transformer Models 🔗	<i>Mainz, Germany</i> <i>Aug 2020 – Jul 2024</i>
Dalarna University <i>Erasmus+ exchange semester in "Data Science"</i>	<i>Falun, Sweden</i> <i>Aug 2023 – Jan 2024</i>
Sebastian Münster Gymnasium <i>Abitur (GPA: 1.2/1.0)</i>	<i>Ingelheim, Germany</i> <i>Aug 2011 – Mar 2020</i>

Research Experience

ETH AI Center <i>Research Assistant (ETH AI Center 🔗) under the supervision of Barna Pásztor and Ido Hakimi (LAS Group 🔗)</i> ◦ Follow-up work on the ETH AI Center project "Active Learning for Sample-Efficient RLHF" ◦ Implemented and evaluated RLHF training pipelines for LLMs on the SwissAI Clariden cluster ◦ Enhanced UltraFeedback's annotation efficiency by utilizing Epistemic Neural Networks (ENNs)	<i>Zurich, Switzerland</i> <i>Jul 2025 – Sep 2025</i>
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Professional Experience

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

Scholarships & Awards

Deutschlandstipendium ◦ Awarded annually to 1–2% of German students for outstanding academic performance	<i>Oct 2023 – Sep 2024</i>
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ETH Research Projects

AI Center Projects in Machine Learning Research 2025: Active Learning for Sample-Efficient RLHF 🔗
Computational Intelligence Lab 2025: Uncertainty-Aware Ensemble for Monocular Depth Estimation 🔗