Egor **Zverev**

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Education

ELLIS PhD Program: ISTA, ETH Zürich — *Vienna, Austria and Zürich, Switzerland*

PHD IN MACHINE LEARNING — *Sep. 2022 – Present*
- Supervisors: Christoph Lampert (ISTA), Florian Tramèr (ETH Zürich).

MIPT (Moscow Institute of Physics and Technology) — *Moscow, Russia*

B.S. IN APPLIED MATHEMATICS AND COMPUTER SCIENCE, YANDEX DEPARTMENT OF DATA ANALYSIS — *Aug. 2018 – Aug. 2022*
- Relevant courses: Machine Learning, NLP, Statistics, Bayesian Methods, Optimization, C++, Python, Algorithms.
- Excellence Scholarship (for **top-7%** 4th year students) and Abramov Scholarship (for **top-10%** junior students).
- GPA: 4.8 / 5.0 (graduated **with honors**).

Publications

Can LLMs Separate Instructions From Data? And What Do We Even Mean By That?
  Egor Zverev, Sahar Abdelnabi, Soroush Tabesh, Mario Fritz, Christoph H. Lampert
  ICLR, 2025

ASIDE: Architectural Separation of Instructions and Data in Language Models
  Egor Zverev, Evgenii Kortukov, Alexander Panfilov, Soroush Tabesh, Sebastian Lapuschkin, Wojciech Samek, Christoph H. Lampert
  ICLR BuildTrust workshop (Oral), 2025

LLMail-Inject: A Dataset from a Realistic Adaptive Prompt Injection Challenge
  Sahar Abdelnabi, Aideen Fay, Ahmed Salem, Egor Zverev, Kai-Chieh Liao ... Andrew Paverd, Giovanni Cherubin
  arXiv:2506.09956 2025

Work Experience

MTS Digital — *Moscow*

JUNIOR DATA SCIENTIST AT EXPERIMENTAL GROUP (A/B + R&D) — *Jan 2022 – June 2022*
- Sped up statistical experiments for movie recommendation systems from 3 to 2 weeks by using machine learning techniques.
- Contributed to A/B testing library that is used by 70+ data scientists.

Google Summer of Code (MapAction) — *Remote (UK)*

STUDENT DEVELOPER — *May 2021 – Aug. 2021*
- Was awarded a **stipend from Google** to develop an open-source project on humanitarian data acquisition.
- Accelerated humanitarian response by extending an Airflow ETL-pipeline to cover 10 data products instead of 3.
- Redesigned the pipeline's structure completely and reduced the total amount of code by almost 30 % by optimizing legacy code.
- Created unit tests, 11 of which revealed bugs in legacy code.
- Wrote a blog post and detailed technical report on my work.

Teaching Experience

Yandex School of Data Analysis

PYTHON TEACHING ASSISTANT (VOLUNTEER) — *Aug. 2021 – Dec. 2021*
- Launched automatic assessment system using GitLab CI and docker.
- Created advanced homework on python data structures allocation in memory.

MIPT.Stats

STATISTICS TEACHING ASSISTANT — *Aug. 2021 – Feb. 2022*
- Conducted weekly one-on-one meetings with twelve 3rd year stats students and checked practical homework.

Talks

ASIDE: Architectural Separation of Instructions and Data in Language Models	BuildTrust@ ICLR2025	*Mar. 2025*
Architectural Separation of Instructions and Data in Language Models	ETH Zürich	*Mar. 2025*
Instruction-Data Separation (Thesis Proposal Defense)	ISTA	*Jul. 2024*

Fellowships, Courses and Summer Schools

AI Safety Courses   AISES 2024, Intro to ML Safety 2023, Cooperative AI Summer School 2023, AI Safety Fundamentals 2022.
Schools and Fellowships   EEML 2024 (presented poster), EA Intro Fellowship 2021.