

Evgenii Kortukov

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EDUCATION

University of Tübingen

M.Sc. in Machine Learning; GPA: 1.17/1.00

Tübingen, Germany

Oct 2021 – Feb 2024 (expected)

Lomonosov Moscow State University

B.Sc. in Fundamental Informatics and Information Technology; GPA: 4.78/5.0

Moscow, Russia

Sep 2016 – Jun 2020

- Diploma with Honours. Thesis: Finding similar supercomputer applications using structural pattern recognition methods.

RESEARCH EXPERIENCE

Tübingen AI center

Student Research Assistant, [Scalable Trustworthy AI group](#)

Tübingen, Germany

Jun 2023 – Present

- Master thesis: Evaluating Interpretability Benefits of Retrieval Augmentation In Large Language Models
- Contributed to a qualitative study on ML practitioners' views of training data attribution methods, with findings accepted to NeurIPS 2023 Workshop XAIA [3]
- Supervisors: Seong Joon Oh, Alexander Rubinstein and Elisa Nguyen

University of Tübingen

Student Research Assistant, [Decision Making Group](#)

Tübingen, Germany

Oct 2021 – Jan 2023

- Worked on a project extending the contextual multi-armed bandit problem to the settings of distribution shifts and costly information acquisition [2]. Code is [available here](#).
- Designed a numerical evaluation environment to model the application of multi-armed bandit algorithms to a large-scale recommender system [1]. Code is [available here](#).
- Supervisors: Prof. Dr.-Ing. Setareh Maghsudi and Saeed Ghoorchian

WORK EXPERIENCE

Yandex

Software Developer, [Storage Engineering Department](#)

Moscow, Russia

Feb 2019 – Jun 2021

- Automated and enhanced storage cluster management system, responsible for data recovery, load balancing, and background processes that maintain fault-tolerance, robustness, and availability. This reduced time of human intervention more than tenfold, making the storage more scalable.
- Co-developed a distributed system that makes storage more scalable through managing metadata in a separate database.
- Upgraded and extended the storage statistics collection process from backend to frontend (using C++, Python, and JavaScript).

Higher School of Economics

Intern Data Analyst, [Cognitive Psychophysiology Laboratory](#)

Moscow, Russia

Aug 2018 – Jan 2019

- Developed a data preprocessing and analysis pipeline for a psychophysiological experiment (using MATLAB and Python).

PROJECTS

Tübingen AI Exhibition

Tübingen, Germany

Aug 2022 – Feb 2023

- Developed and built an interactive museum exhibit showing and explaining an open-source text2image model to the Tübingen public as part of a team practical project (using Diffusers library, PostgreSQL, and a React frontend).
- The code for the exhibit is [available here](#). Information about the exhibition is available on its [website](#).

TEACHING EXPERIENCE

Trustworthy ML

Teaching Assistant

Tübingen, Germany

Oct 2023 – Present

- Created homework sheets for the part of the lecture on Explainability and held tutorials.
- [Course website](#)

SKILLS

Technical: Deep Learning, NLP, Explainable AI, Classical ML, GNU/Linux, Databases, Git

Programming: Python, Pytorch, Huggingface, C++, MATLAB.

Languages: English (Professional, IELTS 8.5), German (B2).

PUBLICATIONS

- [1] Saeed Ghoorchian, **Evgenii Kortukov**, and Setareh Maghsudi. Bayesian non-stationary linear bandits for large-scale recommender systems. <https://arxiv.org/abs/2202.03167>, 2023.
- [2] Saeed Ghoorchian, **Evgenii Kortukov**, and Setareh Maghsudi. Online learning with costly features in non-stationary environments. <https://arxiv.org/abs/2307.09388>, 2023.
- [3] Elisa Nguyen, **Evgenii Kortukov**, Jean Song, and Seong Joon Oh. Exploring practitioner perspectives on training data attribution explanations. In *XAI in Action: Past, Present, and Future Applications*, 2023.