

# Evgenii Kortukov

☎ +49 176 515 78226 | @ eekortukov@gmail.com | 🌐 Website | 🌐 LinkedIn | 🌐 GitHub | 📍 Hamburg, Germany

## EDUCATION

---

### University of Tübingen

*M.Sc. in Machine Learning; GPA: 1.1/1.0*

- Thesis: Studying language model behavior under realistic knowledge conflicts.

Tübingen, Germany

Oct 2021 – Mar 2024

### Lomonosov Moscow State University

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

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

Moscow, Russia

Sep 2016 – Jun 2020

## RESEARCH EXPERIENCE

---

### Tübingen AI center

*Student Research Assistant, Scalable Trustworthy AI group*

- Researched LLM knowledge updating behaviors under realistic knowledge conflicts [4]. Code is [available here](#).
- Contributed to a qualitative study on ML practitioners' views of training data attribution methods, with findings accepted to NeurIPS 2023 Workshop XAIA [3]
- Supervisors: Prof. Dr. Seong Joon Oh, Alexander Rubinstein and Elisa Nguyen

Tübingen, Germany

Jun 2023 – Mar 2024

### University of Tübingen

*Student Research Assistant, Decision Making Group*

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

Tübingen, Germany

Oct 2021 – Jan 2023

## WORK EXPERIENCE

---

### Yandex

*Software Developer, Storage Engineering Department*

- 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).

Moscow, Russia

Feb 2019 – Jun 2021

### Higher School of Economics

*Intern Data Analyst, Cognitive Psychophysiology Laboratory*

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

Moscow, Russia

Aug 2018 – Jan 2019

## PROJECTS

---

### Tübingen AI Exhibition "Cyber and the City"

- 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](#). The exhibition won the [DFG Communicator award](#).

Tübingen, Germany

Aug 2022 – Feb 2023

## TEACHING EXPERIENCE

---

### Trustworthy ML

Teaching Assistant

- Held tutorials and created homeworks for the Explainability part of the lecture.
- [Course website](#)

Tübingen, Germany

Oct 2023 – Apr 2024

## SKILLS

---

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

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

**Languages:** English (Professional, IELTS 8.5), German (C1).

## PUBLICATIONS

---

- [1] Saeed Ghoorchian, **Evgenii Kortukov**, and Setareh Maghsudi. Contextual multi-armed bandit with costly feature observation in non-stationary environments. *IEEE Open Journal of Signal Processing*, 2024.
- [2] Saeed Ghoorchian, **Evgenii Kortukov**, and Setareh Maghsudi. Non-stationary linear bandits with dimensionality reduction for large-scale recommender systems. *IEEE Open Journal of Signal Processing*, 2024.
- [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.
- [4] **Evgenii Kortukov**, Alexander Rubinstein, Elisa Nguyen, and Seong Joon Oh. Studying large language model behaviors under realistic knowledge conflicts. *arXiv*, 2024.