

# Evgenii Kortukov

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## EDUCATION

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### University of Tübingen

*M.Sc. in Machine Learning; GPA: 1.2/1.0*

Tübingen, Germany

*Oct 2021 – Present*

### 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

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### University of Tübingen

*Student Research Assistant, Decision Making Group*

Tübingen, Germany

*Oct 2021 – Jan 2023*

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

## WORK EXPERIENCE

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### 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

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### 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](#).

## SKILLS

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**Technical:** Machine Learning, Deep Learning, GNU/Linux, Databases, Git

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

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