

KONSTANTIN CHERNYSHEV

NLP Researcher and Engineer

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📍 Saarbrücken, Germany

in kdchernyshev

🔗 k4black



EXPERIENCE

Machine Learning Researcher

🔗 [Toloka.ai, Germany](#)

📅 Jun 2024
– Present

- To be updated.

[PyTorch](#) [HuggingFace](#) [GenAi](#) [Data Quality](#)

NLP Data Scientist

🔗 [EPAM Systems, Serbia](#)

📅 Jan 2022
– Sep 2022

- Trained an unsupervised model for support ticket trends over time;
- Implemented a processing team predictive model, improving ticket processing efficiency by ~10s seconds per ticket for 100k tick./year.

[Python](#) [FastText](#) [SkLearn](#) [PyTorch](#) [HuggingFace](#) [PyTest](#) [Docker](#) [Jenkins](#)

Python Course Head, Lecturer

🔗 [Yandex School of Data Analysis, Russia](#)

📅 Jan 2021
– Present

- Led an Advanced Python course for 300-500 students yearly;
- Managed a team of 9 people, planning, review, tech supervision;
- Conducted lectures on 'Packages and Modules', 'Rust-bindings';
- Boosted assignment-checking system (e.g 6x acceleration).

[Management](#) [Python](#) [Teaching](#) [Docker](#) [PyTest](#) [Gitlab-CI](#) [Github-Actions](#)

Research Engineer, Project Manager

🔗 [Gorky AI \(startup\), Russia](#)

📅 Apr 2020
– Jan 2022

- Managed 2-4 developers per project, liaising with clients;
- Introduced Align flow, CI/CD, code reviews, improved teamwork;
- Developed a high-loaded 'roads quality' model on sensors data;
- Designed and developed a solution for scanned document analysis, trained a high mAP (~0.94) CV model for tables, imgs, and stamps.

[Python](#) [PyTorch](#) [HuggingFace](#) [SkLearn](#) [PyTest](#) [ONNX](#) [Docker](#) [Gitlab-CI](#)

EDUCATION

Master of Science (NLP)

🔗 [Groningen & Saarland Unis., Netherlands & Germany](#)

📅 Sep 2022
– Present

Erasmus Mundus "Language & Communication Technologies";
GPA: 8.7/10 (ongoing) +Assistant at Language Technology Project;
Thesis on Mechanistic Interpretability for LLM pruning.

Post Graduate 2-year Program (Data Science)

🔗 [Yandex School of Data Analysis, Russia](#)

📅 Sep 2019
– Jul 2021

Top Russian Data Science program with 3% acceptance rate;
GPA: 8.9/10; +Assistant at Python Course.

Bachelor of Science (Applied Math and CS)

🔗 [Higher School of Economics, Russia](#)

📅 Sep 2017
– Jul 2021

GPA: 9.1/10; +Assistant at Algorithms and Data Structures.
Thesis on Abstractive Text Summarization Knowledge Graphs.

SUMMARY

Passionate Researcher with 5+ years of experience, now doing XAI & LLM Compression

- BaSc with Honors in HSE, Russia, MsA Erasmus Mundus LCT till 2024;
- 6+ years of programming experience;
- 5+ years of Data Science Research experience in Startups, Yandex DS School, EPAM, and JetBrains;
- Completed 8+ ML research projects.

SKILLS

• Data Science

[NLP](#) [DL](#) [XAI](#) [Pruning](#) [Compression](#)
[Speech Processing](#) [CV](#) [RL](#)

• Frameworks

[HuggingFace](#) [PyTorch](#) [SkLearn](#)
[Tensorflow](#) [NLPCore](#) [TorchText](#)

• Programming Languages

[Python](#) [Rust](#) [C++](#) [CUDA](#) [GoLang](#)

• Development Tools

[git](#) [Docker](#) [Neptune.ai](#) [GitLab-CI](#)
[GitHub-Actions](#) [Ansible](#) [ONNX](#)

• Languages

[Russian](#) [English](#) [German](#) [Serbian](#)

PUBLICATIONS

- [LCT-1 at SemEval-2023 Task 10: Pre-training and Multi-task Learning for Sexism Detection and Classification](#) [accepted, ACL-2023 workshop];

ACHIEVEMENTS

- Erasmus Mundus Scholarship 2022-2024;
- Placed 2nd at Moscow State hackathon "Digital Transformation 2021";
- Honours Bachelor's degree in CS;
- Largely improved Python course at YSDA, Top-1 by students' rating;
- Finished YSDA - Master's-level Data Science program, 3% acceptance rate.

PERSONAL

Cheerful and sociable person, keen on slackline and juggling, love music making creativity and strive to master a guitar.

[Music Production](#) [Juggling](#) [Slackline](#)