

KONSTANTIN CHERNYSHEV

NLP Researcher and Engineer

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📍 Berlin, 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 6+ years of experience, now doing evals, 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