KONSTANTIN CHERNYSHEV

NLP Researcher and Engineer

@ kdchernyshev+job@gmail.com

Berlin, Germany

in kdchernyshev

C k4black



EXPERIENCE

To be updated.

(PyTorch) (HuggingFace) (GenAi) (Data Quality)

NLP Data Scientist

©EPAM Systems, Serbia

☐ Jan 2022 - Sep 2022

□ Jun 2024

- Present

- 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 Al (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-Cl)

EDUCATION

Master of Science (NLP)

ℰGroningen & 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.

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-Cl

• 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)