

KONSTANTIN CHERNYSHEV

📍 Groningen, Netherlands

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🐙 github.com/k4black



EXPERIENCE

Python Course Manager, Lecturer

📅 Jan 2021

– Present

🔗 [Yandex School of Data Analysis](#)

- Managed a team of 9 people: planning, review, tech supervision;
- Lectures on topics: 'Packages and Modules', 'C-bindings';
- Improved assignments checking system (e.g 6x acceleration).

(Management) (Python) (Docker) (PyTest) (MyPy) (Gitlab-CI) (Github-Actions)

Data Scientist

📅 Jan 2022

– Aug 2022

🔗 [EPAM Systems](#)

- Made an unsupervised clustering model for support tickets, with time-related trends;
- Tra an unsupervised clustering model for support tickets;
- Developed a model and training pipeline for predicting the processing team based on ticket text; Saved 9s per ticket, 100k t./year.

(Python) (FastText) (SkLearn) (PyTorch) (PyTest) (Docker)

Research Engineer, Project Manager

📅 Apr 2020

– Jan 2022

🔗 [Gorky AI](#) (former 🔗 [NCO City Strategy](#))

- Led projects of 2-4 developers, communicated with clients;
- Improved teamwork (introduced Align flow, CI/CD, and code review);
- Adopted Voice Conversion model for Russian, close to real speech;
- Unsupervised location recommendations for business;
- Developed a highly-loaded "roads quality" model on phone data;
- Designed Architecture of scanned documents analysis project;
- Trained a high mAP (0.94) CV model for tables, pics, and stamps.

(Python) (PyTorch-Lightning) (Huggingface) (SkLearn) (PyTest) (ONNX) (Docker)

Research Intern

📅 Apr 2019

– Jan 2021

🔗 [Algorithms and Technologies for Networks Analysis Lab](#)

- Did research on "Compressed sensing" with l1 and l0 norm; Developed near-SoTA recovery algorithm with faster convergence;
- Developed abstractive summarization model using knowledge graphs.

(Statistics) (Python) (Huggingface) (CoreNLP) (SkLearn) (SciPy)

EDUCATION

Master of Arts

📅 Sep 2022

– Present

🔗 [EM "Language Communication Technologies"](#)

Joint Degree: University of Groningen and Saarland University

Graduate student – two-year program

📅 Sep 2019

– Jul 2021

🔗 [Yandex School of Data Analysis](#)

GPA 8.9 / 10

Bachelor of Science – with honours

📅 Sep 2017

– Jul 2021

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

CGPA 9.1 / 10

Courses and Certificates

- DL Optimization and Deployment using TensorFlow and TensorRT
- Fundamentals of Accelerated Computing with CUDA Python
- Intel Delta Courses (Delta 9, Delta 11)

SUMMARY

Passionate NLP Scientist with competence to solve real-life problems in a team.

HSE graduate (BaS with Honors), Erasmus Mundus LCT MsA till 2024. Has 5+ years of programming experience, 4+ years of Data Science Research Experience. Employed in Startups, Yandex DS School, EPAM, finished 6+ ML research projects.

SKILLS

• Data Science

(NLP) (DL) (ML) (NLU) (Summarization)

(Graph Models) (Speech) (CV) (RL)

• Frameworks

(HuggingFace) (PyTorch) (sklearn)

(Tensorflow) (NLPCore) (TorchText)

• Programming Languages

(Python) (C++) (CUDA) (GoLang)

• Development Tools

(git) (Docker) (Neptune.ai) (GitLab-CI)

(GitHub-Actions) (ONNX) (TensorRT)

• Languages

(Russian) (English) (German) (Serbian)

PUBLICATIONS

- 🔗 [LCT-1 at SemEval-2023 Task 10: Pre-training and Multi-task Learning for Sexism Detection and Classification](#) (in review)

ACHIEVEMENTS

- Erasmus Mundus Scholarship 2022-2024;
- Placed 2nd at Moscow State hackathon "Digital Transformation 2021";
- Honours Bachelor's degree in CS.

PERSONAL

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

(Music Production) (Juggling) (Slackline)