

KONSTANTIN CHERNYSHEV

NLP Data Scientist

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EXPERIENCE

Python Course Manager, Lecturer

📍 Yandex School of Data Analysis, Russia

📅 Jan 2021
– Present

- Managed a team of 9 people, planning, review, tech supervision;
- Conducted lectures on 'Packages and Modules', 'C-bindings';
- Boosted assignment-checking system (e.g 6x acceleration).

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

NLP Data Scientist

📍 EPAM Systems, Serbia

📅 Jan 2022
– Aug 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 t./year.

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

Research Engineer, Project Manager

📍 Gorky AI, 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 highly-loaded 'roads quality' model on mobile data;
- Designed and developed a solution for scanned document analysis, trained a high mAP (~0.94) CV model for tables, pics, and stamps.

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

Research Intern

📍 LATNA Lab at Higher School of Economics, Russia

📅 Apr 2019
– Jan 2021

- Conducted research on Compressed Sensing with l1 and l0 norms, resulting in a near SoTA recovery algorithm with faster convergence;
- Created Abstractive Summarization model using Knowledge Graphs.

(Statistics) (Python) (HuggingFace) (CoreNLP) (SkLearn) (SciPy)

EDUCATION

Master of Arts (NLP)

📍 Uni. of Groningen & Saarland Uni., NL & DE

📅 Sep 2022
– Present

Erasmus Mundus "Language & Communication Technologies";
GPA: 8.2/10 (ongoing); + TA at Language Technology Project.

Post Graduate 2-year Program (Data Science)

📍 Yandex School of Data Analysis, Russia

📅 Sep 2019
– Jul 2021

GPA: 8.9/10; + TA at Python Course.

Bachelor of Science (Applied Math and CS)

📍 Higher School of Economics, Russia

📅 Sep 2017
– Jul 2021

GPA: 9.1/10; + TA at Algorithms and Data Structures.

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 4+ years of experience, love NLG and arduous tasks; HSE, Russia graduate BaSc with Honors, MsA Erasmus Mundus LCT till 2024. Has 5+ years of programming experience, 4+ years of Data Science Research experience: Startups, Yandex DS School, EPAM, and JetBrains; finished 8+ 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) (Dart)

• 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 [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.

PERSONAL

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

(Music Production) (Juggling) (Slackline)