

# KONSTANTIN CHERNYSHEV

## NLP Data Scientist

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in kdchernyshev

k4black



## EXPERIENCE

### Python Course Manager, Lecturer

Jan 2021  
– Present

Yandex School of Data Analysis, Russia

- 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

Jan 2022  
– Aug 2022

EPAM Systems, Serbia

- 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

Apr 2020  
– Jan 2022

Gorky AI, Russia

- 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

Apr 2019  
– Jan 2021

LATNA Lab at Higher School of Economics, Russia

- 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)

Sep 2022  
– Present

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

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

### Post Graduate 2-year Program (Data Science)

Sep 2019  
– Jul 2021

Yandex School of Data Analysis, Russia

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

### Bachelor of Science (Applied Math and CS)

Sep 2017  
– Jul 2021

Higher School of Economics, Russia

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