

# KONSTANTIN CHERNYSHEV

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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)

### 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;
- Adapted Voice Conversion model for Russian, close to real speech;
- 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

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

📅 Sep 2022  
– Present

Join Degree: University of Groningen & Saarland University;  
GPA: 8.2/10 (ongoing); + TA at Language Technology Project.

### Graduate student – two-year program

🔗 [Yandex School of Data Analysis](#) [Russia](#)

📅 Sep 2019  
– Jul 2021

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

### Bachelor of Science

🔗 [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), 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 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 course 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)