



Daniil Gurgurov

NLP researcher

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EDUCATION

- **Saarland University**
Language Technology, M.Sc.
To be completed in 2024 (1.9/5.0, best: 1.0)
- **Transnistrian State University**
Linguistics & Pedagogy, B.A.
2022, Magna Cum Laude (4.9/5.0)
- **Murray State University**
Linguistics, Exchange Semester
2019, Magna Cum Laude (3.75/4.0)
- **Pervomaisc Secondary School**
Comprehensive Education
2018, Summa Cum Laude (5.0/5.0)

COURSEWORK

- Statistical Natural Language Processing
- Machine Learning
- Neural Networks
- Machine Translation
- Deep Learning for Literary Analysis
- NLP for Low-Resource Languages
- Statistics with R
- Speech Science
- Tools for NLP
- Maths (Calculus I, II; Linear Algebra)
- Empirical Methods
- Scientific Communication
- German (B1-B2)

ONLINE COURSES

- Deep Learning Specialisation,
Stanford University (Coursera)
- Natural Language Processing,
HuggingFace
- Large Language Models,
Google Cloud
- Statistics with R,
Data Camp
- Business Management,
King's College London

PROFILE

Dedicated linguist and tech enthusiast. Interested in preserving endangered languages and developing educational technology through utilising the latest NLP advances. Open to internships.

WORK EXPERIENCE

German Research Center for AI (DFKI) | Research Assistant 2023 – Present

Focused on supporting experiments for the LT-Bridge project, dedicated to advancing AI-related technology for the low-resource languages. More specifically, researching ways of boosting various NLP pipelines for underrepresented languages using graph-like knowledge.

YouFact LLC | Content Manager 2022 – 2023

Responsible for analysing AI-driven content creation platforms, managing the workflow of freelance translators and voiceover artists, and editing audio for optimal quality.

American Spaces | Event Manager 2021 – 2022

Responsible for planning and organising diverse events for those interested in American culture and the English language and supporting students with the American programs application procedures.

State-required Military Service 2020 – 2021

One-year Military Service with a three-months sergeant-rank position being in charge of a ten-people platoon.

SKILLS

- Programming Languages: Python, R, Java, HTML5, CSS
- Machine Learning: Scikit-Learn, PyTorch, TF, NumPy, Pandas, Matplotlib
- Natural Language Processing: Transformers, NLTK, SpaCy, Gensim, TextBlob
- Tools: Git, bash, Docker, LaTeX, VSCode, Cluster Computing, Praat
- Languages: Russian (Native), English (Fluent), German (Intermediate)

AWARDS

2022-2024 | **DAAD Fellow** - German Academic Scholarship (Acceptance < 5%)
2020 | **Diamond Challenge Runner-up** - American Entrepreneurship Contest
2019 | **Global UGRAD Fellow** - American Leadership Program (Acceptance < 3%)
2018 | **Geography Olympiad Winner** - Yearly National Geography Competition

ACTIVITIES

May, 2024 | **TaCoS organisation** - Student Conference on NLP at Saar Uni
March, 2024 | **LT-Bridge facilitation** - Winter School on NLP in DFKI
January, 2024 | **SciProS participation** - #2 rated poster of 25+ (multilingual LLMs) at Student Conference at RPTU