Igor Rozhkov

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Research Interests

Nested Named Entity Recognition, Relation Extraction, Biomedical NLP, Domain Adaptation for Information Retrieval

Education

Lomonosov Moscow State University, Computer Science, NLP — Moscow, Russia — 2018 – 2022
- Thesis: A Study of Methods for Automatic Nested Named Entity Recognition
- Advisor: Natalia Loukachevitch

Lomonosov Moscow State University, Computer Science, NLP — Moscow, Russia — 2022 – 2024
- Thesis: Recognizing nested entities based on flat annotation
- Advisor: Natalia Loukachevitch

Lomonosov Moscow State University, Computer Science, NLP — Moscow, Russia — 2024 – present
- Thesis: Methods for Nested Named Entity Recognition
- Advisor: Natalia Loukachevitch

Conference Presentations

Dialogue Evaluation 2022 — 2022
- Machine Reading Comprehension Model in RuNNE Competition (oral)

Huawei workshop 'ML/AI/NLP for search-engine performance improvement' — 2022
- Prompts in few-shot and cross-domain tasks of nested named entity recognition

Lomonosov Readings 2024, Section of Computational Mathematics and Cybernetics — 2024
- Pre-trained Language Models for Nested Named Entity Recognition (oral)

Conference 'Programming and Computational Mathematics' Dedicated to the 100th Anniversary of N. P. Trifonov — 2025
- Domain-Specific Named Entity Extraction from a Heterogeneous Input Stream (oral)

Experience

Research Computing Center of Lomonosov Moscow State University, Researcher — Moscow, Russia — 2022 – present — 4 years
- Research on nested NER and RE methods, biomedical NLP, dataset development, shared task organization

Ivannikov Institute for System Programming of the Russian Academy of Sciences, Research Intern — Moscow, Russia — 2024 – present — 2 years
- Research on LLM evaluation in domain-specific settings; hallucination detection using information retrieval methods

Teaching Assistantship

Methods and Tools of Information Retrieval — 2024

Methods and Tools of Information Retrieval — 2025

Departmental Practicum — 2025

Professional Service

Developed baseline system for RuNNE-2022 Shared Task — 2022

BioNNE-R Shared Task competition at CLEF 2026 BioASQ — 2026

Awards

Lomonosov Moscow State University Scholarship for Young Researchers, Graduate Students, and Students with Outstanding Achievements in Teaching and Research 2024

Skills

Technical Skills: Python, PyTorch, HuggingFace Transformers, Docker

Languages

English: C1

Russian / Русский: Native

Japanese / 日本語: B1 level / JLPT N4