

# Igor Rozhkov

[✉ fulstocky@gmail.com](mailto:fulstocky@gmail.com) [🔗 fulstock.github.io](https://fulstock.github.io) [✂ fulstock\\_nlp](https://fulstock_nlp) [🔊 fulstock](#) [📺 fulstock](#) [📖 Google Scholar](#)

## Research Interests

---

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

## Publications

---

- Methods for Recognizing Nested Terms** May 2025  
*Igor Rozhkov*, Natalia Loukachevitch  
[10.48550/arXiv.2504.16007](https://arxiv.org/abs/10.48550/arXiv.2504.16007)
- Domain-Specific Named Entity Extraction from a Heterogeneous Input Stream** Jan 2025  
N. V. Loukachevitch, *I. S. Rozhkov*, B. V. Dobrov  
(Programming and Computational Mathematics: Proceedings of the Conference Dedicated to the 100th Anniversary of N. P. Trifonov)
- NEREL: A Russian Information Extraction Dataset with Rich Annotation for Nested Entities, Relations, and Wikidata Entity Links** June 2024  
Natalia Loukachevitch, Ekaterina Artemova, Tatiana Batura, Pavel Braslavski, Vladimir Ivanov, Suresh Manandhar, Alexander Pugachev, *Igor Rozhkov*, Artem Shelmanov, Elena Tutubalina, Alexey Yandutov  
[10.1007/s10579-023-09674-z](https://www.aclweb.org/anthology/10.1007/s10579-023-09674-z) (Language Resources and Evaluation)
- Pre-trained Language Models for Nested Named Entity Recognition** Jan 2024  
N. V. Loukachevitch, *I. S. Rozhkov*  
(Lomonosov Readings 2024: Scientific Conference, Faculty of CMC, Lomonosov Moscow State University. Abstracts)
- Machine Reading Comprehension Model in Domain-Transfer Task** Aug 2023  
*I. S. Rozhkov*, N. V. Loukachevitch  
[10.1134/S1995080223080504](https://www.aimspress.com/aimspress-data/math/2023/10/10.1134/S1995080223080504) (Lobachevskii Journal of Mathematics)
- Prompts in Few-Shot Named Entity Recognition** June 2023  
*I. S. Rozhkov*, N. V. Loukachevitch  
[10.1134/S1054661823020104](https://www.aimspress.com/aimspress-data/math/2023/10/10.1134/S1054661823020104) (Pattern Recognition and Image Analysis)
- NEREL-BIO: A Dataset of Biomedical Abstracts Annotated with Nested Named Entities** Jan 2023  
Natalia Loukachevitch, Suresh Manandhar, Elina Baral, *Igor Rozhkov*, Pavel Braslavski, Vladimir Ivanov, Tatiana Batura, Elena Tutubalina  
(Bioinformatics)
- RuNNE-2022 Shared Task: Recognizing Nested Named Entities** June 2022  
Ekaterina Artemova, Maxim Zmeev, Natalia Loukachevitch, *Igor Rozhkov*, Tatiana Batura, Vladimir Ivanov, Elena Tutubalina  
[10.28995/2075-7182-2022-21-33-41](https://www.aimspress.com/aimspress-data/math/2022/21/10.28995/2075-7182-2022-21-33-41) (COMPUTATIONAL LINGUISTICS AND INTELLECTUAL TECHNOLOGIES)
- Machine Reading Comprehension Model in RuNNE Competition** June 2022  
*Igor Rozhkov*, Natalia Loukachevitch  
[10.28995/2075-7182-2022-21-488-496](https://www.aimspress.com/aimspress-data/math/2022/21/10.28995/2075-7182-2022-21-488-496) (Computational Linguistics and Intellectual Technologies)

## Education

---

<b>Lomonosov Moscow State University</b> , Computer Science, NLP	Moscow, Russia
• Thesis: A Study of Methods for Automatic Nested Named Entity Recognition	2018 – 2022
• Advisor: Natalia Loukachevitch	
<b>Lomonosov Moscow State University</b> , Computer Science, NLP	Moscow, Russia
• Thesis: Recognizing nested entities based on flat annotation	2022 – 2024
• Advisor: Natalia Loukachevitch	
<b>Lomonosov Moscow State University</b> , Computer Science, NLP	Moscow, Russia
• Thesis: Methods for Nested Named Entity Recognition	2024 – present
• Advisor: Natalia Loukachevitch	

## Conference Presentations

---

<b>Dialogue Evaluation 2022</b>	2022
• Machine Reading Comprehension Model in RuNNE Competition (oral)	
<b>Huawei workshop ‘ML/AI/NLP for search-engine performance improvement’</b>	2022
• Prompts in few-shot and cross-domain tasks of nested named entity recognition	
<b>Lomonosov Readings 2024, Section of Computational Mathematics and Cybernetics</b>	2024
• Pre-trained Language Models for Nested Named Entity Recognition (oral)	
<b>Conference ‘Programming and Computational Mathematics’ Dedicated to the 100th Anniversary of N. P. Trifonov</b>	2025
• Domain-Specific Named Entity Extraction from a Heterogeneous Input Stream (oral)	

## Experience

---

<b>Research Computing Center of Lomonosov Moscow State University</b> , Researcher	Moscow, Russia
• Research on nested NER and RE methods, biomedical NLP, dataset development, shared task organization	2022 – present 4 years
<b>Ivannikov Institute for System Programming of the Russian Academy of Sciences</b> , Research Intern	Moscow, Russia
• Research on LLM evaluation in domain-specific settings; hallucination detection using information retrieval methods	2024 – present 2 years

## Teaching Assistantship

---

<b>Methods and Tools of Information Retrieval</b>	2024
<b>Methods and Tools of Information Retrieval</b>	2025
<b>Departmental Practicum</b>	2025

## Professional Service

---

<b>Developed baseline system for RuNNE-2022 Shared Task</b>	2022
<b>BioNNE-R Shared Task competition at CLEF 2026 BioASQ</b>	2026

## Awards

---

<b>Lomonosov Moscow State University Scholarship for Young Researchers, Graduate Students, and Students with Outstanding Achievements in Teaching and Research</b>	2024
--	------

## Skills

---

**Technical Skills:** Python, PyTorch, HuggingFace Transformers, Docker

## Languages

---

**English:** C1

**Russian / Русский:** Native

**Japanese / 日本語:** B1 level / JLPT N4