

EDUCATION

| | |
|--|-----------------------------|
| Higher School of Economics Master's Degree. Faculty of computer science. <i>Data Science. Institute of Information Transmission Problems RAS; GPA: 8.2</i> | Moscow, Russia 2021-2024 |
| Russian Presidential Academy of National Economy and Public Administration (RANEPA) <i>Institute of Economics, Mathematics and IT. GPA: 4.4</i> | Moscow, Russia 2017-2021 |

PROFESSIONAL EXPERIENCE

| | |
|--|------------------------------------|
| Sberbank <i>Head of NLP data analysis. The strategy and development block</i> <ul style="list-style-type: none">Developed a multi-agent system using graph transitions based on llama for summarizing transcripts of meetings.Developed a model for summarizing articles and documents based on Gigachain.Developed a intent-recogniser model based on Prompt Optimization via Adversarial In-Context Learning approach. | Moscow, Russia 08/2023- Present |
| Rostelecom <i>Middle Data Scientist. Machine Learning Department of the Credit Risk Center</i> <ul style="list-style-type: none">Developed a full stack system for classifying income-generating contracts by risk level based on their description.Developed a model for clustering conversations between a robot operator and a debtor based on graph models such as watset and Growing Neural Gas. | Moscow, Russia 03/2020- 08/2023 |

PUBLICATIONS

A. S. Podgornyi, S. S. Ilushin. (2021) PROBABILITY OF DEFAULT MODELS UNDER CREDIT RISK VALUATION. X International Scientific and Practical Conference "Mathematical and computer modeling in economics, insurance and risk management 138-142.

ACHIEVEMENTS

| | |
|---|---------|
| Prize-winning place at HSE Higher League Student Olympiad. Discipline: Mathematical methods of economic analysis. | 02/2021 |
| Semi-Finalist of the Olympiad "I am a Professional" in mathematics. | 02/2020 |
| Finalist of the Olympiad "I am a Professional" in mathematics. | 02/2021 |
| Semi-Finalist of the Olympiad "I am a Professional" in mathematics. | 02/2022 |

ADDITIONAL ACTIVITIES

- Public performance:** Discussion and demonstration of practical examples of the use of artificial intelligence to solve business problems.
- Speech at a hackathon on artificial intelligence as a speaker on the topic "Retrieval Rerank LLM". November 23, 2023.
 - Speech at the conference "One step ahead!" Global CIO in the artificial intelligence section with the topic of graph autoencoders. October 5, 2023.
 - Speech at the 17th annual conference "Moscow Evenings" in the section "Neural networks: practical application" from Rostelecom. September 24-27, 2023.
- Teaching:** Assistant teacher of mathematical analysis and linear algebra for 1st-2nd year students at RANEPA. Also checking homework and attending exams. Development of your own course on the study of integrals.

SKILLS

IT: Python (numpy, pandas, scikit-learn, scipy, catboost, matplotlib, pytorch, transformers, gpytorch, hugging face, ..., and etc), Docker, Airflow, Linux, DBeaver, PostgreSQL
SQL, L^AT_EX
Languages: English (Upper - Intermediate), Russian (Native)

INTERESTS

Science interests: Machine learning, NLP, Deep Learning in Graphs, Time Series Forecasting, Probability theory, Econometrics, Mathematics, Linear Algebra

Hobby: Hockey (played for the children's team of CSKA, was a member of the children's and youth team of the Russian national hockey team.), Music (played in musical institutions, main instrument - guitar)