

Egor Konovalov

89623282639 | hhehenukee@gmail.com | github.com/wtfnukee | distributedhatemachine.github.io

EXPERIENCE

ML Engineer

March 2025 - August 2025

GigaChat Pretrain Data

- Developed and optimized synthetic data generation pipelines for large-scale pretraining corpora, focusing on mathematical problem-solving and programming tasks.
- Implemented preprocessing and filtering workflows to ensure high-quality training datasets.
- Introduced quality evaluation metrics and consistency checks to maintain reliability of pretraining data.

ML Architect for Social Projects

June 2024 - March 2025

Yandex Cloud

- Managing projects from ideation and requirements formulation to implementation and deployment, implementing MLOps practices to facilitate seamless integration of ML solutions into production environments.
- Developing solutions with LLM's and addressing computer vision challenges to enhance social project outcomes.
- Collaborating with cross-functional teams to ensure successful project delivery and alignment with social goals.

Researcher

February 2024 - May 2024

Sber Blockchain Laboratory

- Developed and implemented fraud detection mechanisms in blockchain applications
- Conducted research on the application of deep learning techniques in blockchain technology

DL Researcher in Chemistry

January 2023 - May 2023

USPEX Laboratory

- Conducted research on crystal structure prediction, improving result accuracy through generative adversarial networks and utilizing the "Blokhin" cluster for efficient distributed computing.

PROJECTS

Minimodal

[link](#)

- Developed a lightweight, serverless computing framework in Python, enabling seamless deployment of functions as microservices with automatic scaling, secret management, and volume support.
- Implemented a modular architecture with SDK, server, worker, integrated Docker for containerized execution.

Advanced Search Engine for Nekrasovka eLibrary

- Designed and deployed search engine to manage bibliographic data, with semantic and image search capabilities.
- Implemented a RAG-powered AI assistant to enhance data retrieval and user experience.

TEACHING & MENTORSHIP

- Lead tutor for the "Modern NLP and LLMs" course at VK Education and ML courses at MISIS University
- Guest lecturer at Deep Learning School, Sirius, CPM, mentoring students in advanced ML methodologies.
- Scholarship holder of the Yandex Teaching Assistants Program.

ACHIEVEMENTS

- First place at Purple Hack, CLTV prediction task from Alfa bank, [sources](#)
- First place at National Technology Olympiad in Computer Vision, students track, text&image search task, [sources](#)
- Second place at VKxHSE DataHack, Age&Gender predicion by ad clicks
- Second place at Smolathon, educational digital projects track, [sources](#)

EDUCATION

NUST MISIS

2022-2026

B.Sc. in Applied Mathematics

Innopolis University x Yandex

Mathematics of Machine Learning

MSU

Course in Machine Learning in Physics