

Konstantin Rogov

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 GitHub Profile
 Telegram Account

EXPERIENCE

- **Yandex - ML developer in the Turkish search team** *July 2024 year - Mart 2025 year*
 - Worked with the API of modern LLMs: marking boards using GPT-4o and Claude Sonnet-3.5
 - Worked with the entire pipeline of learning grad-boosting (except for training the base model): start from data gathering; next data preprocessing; then data markup via the base model - distillation of the base model into a grad-boosting (with the selection of hyperparameters); after rolling out into a prod; in the end offline and online experiment
- **Yandex - Data Scientist in AI assistant team** *July - October 2023 year*
 - Worked with assessors: preparing tasks for them, and starting/stopping markup
 - Optimized yql queries
 - Prepared and configured the dashboard, including all necessary data preprocessing
 - Worked with developers about possible features - analyzed their profit

EDUCATION

- **University: Moscow Institute of Physics and Technology**
 - Years of study: 2021-2025
 - Bachelor's Degree: Applied Mathematics and Computer Science
 - Department: Data Analysis (Tinkoff)
 - Average mark: 8.5/10
 - Diplom: LLM chart analysis in investments
- **Courses studied:**
Quantitive Finance, AB - tests (including CI), Mathematical Statistics, ML, NLP, Algorithms and Data Structures, Concurrency and etc.
- **Lyceum 1511 at Moscow Engineering Physics Institute**
High School. Years of study: 2019-2021

PERSONAL PROJECTS

- **Multimodal search via CLIP** *Spring of 2024, github link*
Implemented a backend+frontend server for multimodal search
 - Multimodal model - OpenAI's CLIP
 - Vector index - FAISS
 - Backend's fraemwork - FastAPI
 - Frontend's fraemwork - ReactJS
- **Implemented an analogue of popular classes from the std library for C++** *github link*
Implementation of analogies to the basic functionality of the std libraries: deque, list, smart pointers
- **Implemented Wargame on Python** *github link*
Conquer the enemy's castles with infantry, cavalry and spearmen
- **Telegram bot on Python** *github link*
Currency exchange rate notification and scripts + website parsing

TECHNICAL SKILLS AND INTERESTS

Programming languages: Python, C++, SQL
Python Libraries: PyTorch, SciPy, Numpy, Pandas, Seaborn, Matplotlib, Plotly, Prophet
Other Hard Skills: Git, Docker, Bash
Soft Skills: Took part in organization of school and university initiations
Hobbies: Sport (gym + running + ball games + sambo)
Languages: Russian, English(intermediate)

ACHIEVEMENTS

- **Russian National Olympiad in Physics among schoolchildren** *Winner, 2021*
- **Moscow Olympiad in Physics among schoolchildren** *Winner, 2021*
- **Olympiad "Conquer the Vorobyovy mountains" in Physics among schoolchildren** *Winner, 2021*
- **Olympiad Phystech in Math among schoolchildren** *Winner, 2021*
- **Took part in ICPC** *1/8 Stage, 2021*