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 a cutbust on marked-up data (except for training the base model) is data preprocessing, data markup with the base model, distillation of the base model into a formula (with the selection of hyperparameters), rolling out into a prod and offline experiment

- **Yandex - Data Scientist in AI assistant team**　　*July - October 2023 year*

  - Worked with assessors: preparing tasks for them, and starting/stopping markup
  - Optimized of yql queries
  - Prepared and configured the dashboard, including all necessary data preprocessing
  - Worked with developers about possible features - analized 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:**

  AB - tests, mathematical statistics, ML, NLP, Algorithms and data structures, Multithreaded synchronization 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*

  An analogue of the basic functionality of the std::deque, std::list classes and smart pointers from std is implemented

- **Implemented Wargame on Python**　　*github link*

- **Telegram bot on Python**　　*github link*

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: With classmates from the lyceum, he conducted the initiation into the lyceum of new 10th graders
Hobbies: Sport (gym + running + ball games)
Languages: Russian, English(intermediate)

ACHIEVEMENTS

- **All-Russian Olympiad of Schoolchildren in Physics**　　*Winner, 2021*

- **Moscow Olympiad of Schoolchildren in Physics**　　*Winner, 2021*

- **Olympiad "Conquer the Vorobyovy mountains" in Physics**　　*Winner, 2021*

- **Olympiad Phystech in math**　　*Winner, 2021*