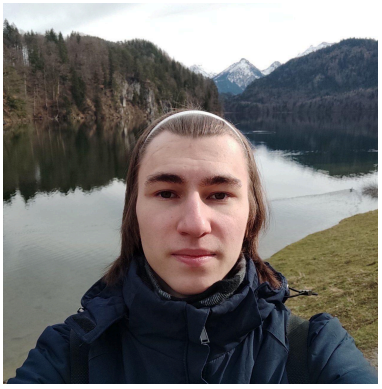
Tikhon Radkevich

ML Engineer



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Tech stack

Python, NumPy, Pandas;
PyTorch, TensorFlow, Keras, scikit-learn, librosa
Plotly, Seaborn, Matplotlib
SQL, Docker, git

Courses

Yandex ML-training

Course dedicated to classical ml: linear models, regularization methods; decision trees, ensembles: bagging, boosting.
Code for the course tasks is available in the repository.

Deep Reinforcement Learning Course

The course emphasizes both theoretical understanding and practical application. Through it, I've engaged with various deep RL algorithms, honing my skills in Linux and PyTorch along the way.

Competitions | Kaggle

Predicting Sales Quantity in Gridworld

Forecasting sales in "Gridworld" using a two-stage modeling approach. Two models were developed: one predicted the average value in each city, and the other - the quantity of goods for each store relative to the average value; Visualization methods used: heatmaps, box plots.

Stack: Pandas; NumPy; Keras; Scikit-learn, Matplotlib, Seaborn
Code - Notebook; github

Projects

DigitalAssetFlow

A solution for real-time analysis, processing, and data collection of cryptocurrencies from Binance and TradingView.

- Utilized asynchronous methods to retrieve data from the API at a 10-second interval. Collected over 500 GB of data on 20 coins within a month.
- Described and visualized the data processing workflow. Successfully standardized and compressed the size of order book data to 25 GB.
- Developed a data labeling algorithm.
- Integrated data processing tools into the data collection application.

Stack: NumPy; Plotly; Aiohttp
Code - medium; Project/Visualization - github; chart-studio

Learning Hubs

Medium

Kaggle

LeetCode

CodeWars

Languages

English - B2
Russian - native

Education

BSU | 2022 - 2026
- Applied Mathematics and Computer Science