

Alexander Andreevich Shatalin, Data Scientist

Find me on:

Kaggle: <https://www.kaggle.com/alexredna>

Github: <https://github.com/A125X>

LinkedIn: <https://www.linkedin.com/in/alexander-shatalin-390280264/>

Contact me:

Mail: alexander.andr.shat@gmail.com

Telegram: https://t.me/a125x_a

Education:

Information Systems and Technologies, RTU MIREA, 2021-present, currently studying

Relevant courses: Linear Algebra, Analysis, Programming, Artificial Intelligence, Big Data, Applied Artificial Intelligence

Skills:

Programming: python, SQL, C++

Machine Learning: gradient boostings, k-means clustering, decision trees, logistic and linear regressions, linear perceptrones, transformers

Math: Analysis, Algebra, Linear Algebra, Category Theory

Projects:

Constructor of Linear Perceptrones: <https://github.com/A125X/Neural-Network-Constructor>

Created a simple library to build perceptrones with desired activation functions, depth, number of parameters and so on; provided methods to visualise training data and save and load models

Stocks Prices Prediction: <https://github.com/a125x/Stock-Prices-Analysis-And-Predictiondictions>

I used KerasTuner HyperModel for LSTM models, along with yahoo finance price data of multiple assets to predict changes in the Bitcoin price

Speech Recognition Webpage: <https://github.com/A125X/Speech-Recognition>

Created simple website with function of speech recognition using Google Speech API

Working experience:

Internship in RDX Labs, RTU MIREA: October 2022 - June 2023:

Researched LLMs to build MVP of the chat-bot, created datasets for CV model

Hackatons & competitions:

Digital Breakthrough & Burger King Hackaton, 2023, finalist, top-7 among newcomers:

Used ensemble of gradient boostings along with feature engineering to predict churn rate

Aeroclub Challenge, 2023, finalist, top-11:

Used CatBoost gridsearch to tune catboost model's hyperparameters to find perfect tickets for clients using information about their order

MTS ML Cup, 2023:

Predicted user's age and sex with provided cookies data using CatBoost and users <-> items embedding

Sovcombank Team Challenge, 2022, finalist, top-10:

With task of developing web application for online trading, used Darts for time series predictions

In my free time I like reading, listening music and building custom keyboards. Free software enthusiast, Nix user.