

Alexander Andreevich Shatalin, Data Scientist

Find me on:

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

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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

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

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

Working experience:

RDX Labs in RTU MIREA: October 2022 - present

Researched state of the art LLM to build MVP of the chat bot, created datasets for CV model

Hackatons & competitions:

Aeroclub Challenge, finalist:

Used CatBoost gridsearch to tune catboost model's hyperparameters to find perfect tickets for clients using information about their order and visualised processed data with seaborn

MTS ML Cup, February - March 2023:

Predicted user's age and sex with provided cookies data

Sovcombank Team Challenge, November 2022, 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.