

Fedor Lisin

Junior Data Scientist

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🐙 [TheoLisin \(https://github.com/TheoLisin\)](https://github.com/TheoLisin) 📧 [@TedFox \(https://t.me/TedFox\)](https://t.me/TedFox)

🌐 [theo-lisin \(https://www.linkedin.com/in/theo-lisin/\)](https://www.linkedin.com/in/theo-lisin/)

It took me around two years to realise that I liked programming in general and data science in particular. Since taking the Yandex classes, well-written, readable code has become my intention. My current focus is creating products that benefit or facilitate the lives of people, not just reviewers.

SKILLS

ML and Data Science

Intermediate

sklearn | torch | statistics | linear algebra

Python Development

Intermediate

FastAPI | Pydantic | ORM |
SQLAlchemy | ML frameworks

CI/CD

Beginner

Docker | Docker Compose |
Github Actions | Gitlab Pipelines

C/C++

Beginner

Common

VSC | Gitlab | Github | Reviewing |
Linux

WORK EXPERIENCE

2021 - 2022

Junior Data Scientist at OCRV, Russian Railways affiliated company

Developed different models from scratch for tabular data and time series, upgraded the current data infrastructure, supervised the students' self-study pet projects.

- Train delay investigation system: improving data infrastructure, time to create the final dataset was at least cut in half. (Catboost, SQL, ClickHouse)
- EEG motor imaginary classification: examining the primary methods for getting, classifying, and filtering EEG data, as well as developing experimental data collection methods. (ICA, SSP, WPD)
- Recommendation system for ticket sales (students project): aided students in using their repository and fixed django framework issues. (Git, Conda, Django)

PROJECTS

Voice emotion recognition using Wav2Vec

2021 - 2021

🔗 https://github.com/TheoLisin/Emotion_Recognition_with_Wav2Vec
(https://github.com/TheoLisin/Emotion_Recognition_with_Wav2Vec)

Skills acquired: Wav2Vec | transformers | telegram-api

Speech emotion recognition model based on Wav2Vec with telegram-bot user interface.

- Trained 8-class classifier on RAVDESS dataset using Wav2Vec pre-trained model.
- Wrote telegram bot for testing model on Russian speech and collecting more data.

Monotone Hurwitz numbers in genus zero

Skills acquired: mathematical physics | graph theory

University-authored bachelor's thesis

EDUCATION

Bachelor Theoretical Physics at St. Petersburg Academic University of RAS

2016 - 2020

Data Science, MLOps at MADE Data Academy

2022 - 2023

CERTIFICATES

Machine learning | course authored by Stanford University

Coursera, Stanford University
2020-07-25

<https://coursera.org/share/fcf17fea90f4868b828c71c2cad3ff7c>
(<https://coursera.org/share/fcf17fea90f4868b828c71c2cad3ff7c>)

Artificial Intelligence Technology | 6-month course
Yandex School of data analysis
2021-08-10

LANGUAGES

English
Intermediate

Russian
Native Speaker

INTERESTS

Games

Airplanes
Skills acquired: PPL

Traveling