

# Fedor Lisin

Data Scientist

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It took me around two years to realise that I like 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 PyTorch 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 (2)

**Python Developer** at Supervisely OÜ 2023 - Current

Create a new app on the Supervisely platform and provide client tech help.

- Developed new SOTA model training and serving applications for the Supervisely ecosystem (PIPs, YOLO, MMDetection, MixFormer etc.).
- Enhanced capabilities of the SDK: support for point and object tracking with NN models and linear interpolation
- Provided platform users with technical support

**Junior Data Scientist** at OCRV, Russian Railways affiliated company 2021 - 2022

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 (2)

**Voice emotion recognition using Wav2Vec** 2021 - 2021

🔗 [https://github.com/TheoLisin/Emotion\\_Recognition\\_with\\_Wav2Vec](https://github.com/TheoLisin/Emotion_Recognition_with_Wav2Vec)

Wav2Vec transformers telegram-api

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

- Trained 8-class classifier on RAVDESS dataset using Wav2Vec pre-trained model.
- Developed a Telegram bot to gather more data and test the model on Russian speech.

**Monotone Hurwitz numbers in genus zero** 2019 - 2020

mathematical physics graph theory

University-authored bachelor's thesis

## EDUCATION (2)

**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

🔗 <https://coursera.org/share/fcf17fea90f4868b828c71c2cad3ff7c>

**Machine Learning Engineer**

MADE Data Academy

🔗 <https://data.vk.company/curriculum/certificates/download/12961/f84e3606-6030-4ce7-895f-4b2defe55aff/>

## LANGUAGES

### English

Intermediate

### Russian

Native Speaker

## INTERESTS

### Games

### Airplanes

### Traveling

PPL