

# Fedor Lisin

## Junior Data Scientist

Tbilisi, Tbilisi GE

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

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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

#### C/C++

Beginner

#### Python Development

Intermediate

FastAPI | Pydantic | ORM |  
SQLAlchemy | ML frameworks

#### Common

VSC | Gitlab | Github | Reviewing |  
Linux

#### CI/CD

Beginner

Docker | Docker Compose |  
Github Actions | Gitlab Pipelines

### WORK EXPERIENCE

2023 - Current

**Python Developer** at Supervisely OÜ

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

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)  
([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.
- Developed a Telegram bot to gather more data and test the model on Russian speech.

#### Monotone Hurwitz numbers in genus zero

2019 - 2020

**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**

**Traveling**

Skills acquired: PPL