

# Senichev Sergey

Area of interest - NLP and DL. Looking for a position of MLE or DS.

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## Experience

- Researcher 11.2023 - Present

Laboratory of Intellectual services and applications, ITMO University.

Research into explainable and interpretable ML to model virus dynamics.

Implemented explainable PINN + CatBoost ensemble algorithm. Now working on surrogate VAE for multiagent model.

- ML Engineer Project work

NDA.

News classification for crypto trading company.

LLM and classic NLP methods to classify news with different tags (sentiment, scam, etc.)

## Hackathons

*Classification of press releases by CRA*

09.2023, 15th place

Predict trust rating of company by analysing press release.

Stack: natasha, transformers and scikit-learn

*Classification of citizen appeals*

11.2023, 5th place

Predict group of themes and theme of appeal.

Used NER-models to emphasize appeal key data like city, streets, phone number, etc.

Stack: transformers, pytorch and natasha

## Education

ITMO University  
Humanities & IT  
2022 - 2026

ITMO University  
Faculty hackathon school  
11.2023 - Present

MIPT DL School, CV / NLP  
09.2023 - 01.2024

## Skills

NumPy

Pandas

PyTorch

SQL

sklearn

natasha

Transformers

## Area of expertise

Classic ML

NLP

CV

DL