

# Vladislav Malkov

*Machine Learning Engineer*

📅 03.07.2002  
📍 Moscow, Russia

## Contacts

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## Work experience

- Aug 2022 – present **PJSC Sberbank**, intern Data Engineer/Data Scientist developer. Moscow, Russia.
  - Working with a large array of data (analysis, structuring, processing) using Pyspark, Python
  - Development of algorithms for tracking internal fraudulent transactions as DA/DE/DS. Development of services for the processing of unstructured data, automation of the generation of features and Data Marts to determine fraudulent transactions.
- July 2022 – present **Higher School of Economics University**, researcher at the International Bioinformatics Laboratory. Moscow, Russia.
  - Research of the possibility of using and interpreting neural networks to solve the problem of recognizing secondary DNA structures.
- Apr 2022 – July 2022 **Higher School of Economics University**, teacher assistant in Introduction to Data Science. Moscow, Russia.
  - Prepare seminars materials and home works, check students' works, answer both theoretical and practical machine learning, programming questions, which help students more efficiently assimilate information.

## Education

- 2019 – present **Bachelor degree**, Higher School of Economics. Moscow, Russia.
  - Faculty of Computer Science, Applied Mathematics and Informatics.

## Skills

- **Machine learning**  
Catboost, Xgboost, Numpy, Matplotlib, Sklearn, Seaborn
- **Deep learning**  
Pytorch  
CNN, RNN

- **Work with data**  
Pyspark, SQL, Pandas
- **Recommender system**  
User2User, LFM, ALS
- **NLP**  
Transformers, Gensim Word2Vec
- **Programming**  
Python, C/C++
- **Backend**  
Flask
- **Technical English**

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## Languages

- **Russian**  
Native speaker
- **English**  
Intermediate

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## Interests

- **Sport**  
Swimming