

# Aleksandr Murzin

aleksandr.murzin@yahoo.com  
linkedin.com/in/aleksandr-murzin

Data Scientist

telegram: @aleksandr\_murzin

A Data Scientist with 2 years of commercial experience in the banking and telecom industries. I have successful projects in texts and tabular data, classification, regression, and clustering.

## SKILLS

<b>Programming Languages</b>	Python, SQL
<b>Machine Learning</b>	Scikit-learn, XGBoost, Pyspark, Pytorch
<b>Developing Tools</b>	Git, DVC, S3, Bash, Docker, Jira
<b>Communication</b>	English

## TECHNICAL EXPERIENCE

**Senior Data Scientist** 04.2022 — Present  
*Beeline (telecommunication company)*

- Developed an ML solution to replace the existing rule-based one that scores customers' probability to take action either by making a click or making an order.
- Developed a script for a look-alike machine learning problem that gathers data, trains models, and scores customers in one go, thus reducing time spent on the task from week to day.
- Deployed age and gender prediction models for Beeline customers, who are now correctly categorized into classes with an increased score of 0.05 AUC compared to the previously incorporated solution.
- Helped the media departments to gain information on competitors' activities by programming the script to automatically scan news aggregators and find relevant articles about machine learning.

**Data scientist** 10.2020 — 04.2022  
*Societe Generale Group (Rosbank)*

- Developed an anti-fraud model that uses transaction data of customers applying for loans. The model provides the top 5% of most likely fraudulent applications and thus helps the screening department to concentrate on the most suspicious applications.
- Integrated a script for audit mission that uses OCR and retrieves names and addresses from legal papers. The script processed 700 GB of documents and saved a workload of several months for the audit department.
- Developed a script to find signatures on documents. The trained model was then used as a part of a package to compare the signatures of clients on different documents.

## EDUCATION

**Master of Machine Learning and High-load Systems, HSE University** 2022 – Present  
**Master of Reservoir Engineering, Heriot-Watt University** 2015 – 2017  
**Bachelor of Environmental Engineering, Mikkeli University of applied sciences** 2010 – 2014

## ACTIVITIES

Competed in the computer vision WoodHack Hackathon. Won the contest with the highest score. Spring 2022  
Competed at MKB Bank's customers scoring data challenge. The best score was in the top 10% on the private leaderboard. Fall 2021  
Completed course Software Development Best Practices in Python by BigData Team. Fall 2021