

# Anton Andreitsev

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🌐 <https://github.com/andreitsev> 📧 @joit\_andr

## Professional Experience

2020/11 – present

**Senior Data Scientist, Alfa-bank** 📄

- Investment *propensity and uplift* models
  - Increased response rate from 0.6% to 2%, reduced marketing campaign costs
- Churn model
  - Decreased *churn* rate by 16%
- Investment products *recommendation* models
  - Increased # of active clients by 3%
- Build ML pipeline for optimal workflow for the team
  - Model deployment, serving, monitoring, auto-retraining

*Leveraged knowledge:* Python, Hadoop, Hive, Spark, Airflow, CatBoost, LightGBM, AutoML

2019/10 – 2020/11

**Data scientist, Rubbles** 📄

- *Demand forecasting* for restaurants
  - Created algorithm that outperforms the existed forecasting approach
- Model outputs *interpretability* for the demand model
  - Found insights in demand regulation and action points for stakeholders
- *Forecasting* motor oil blends characteristics
  - Automatized new blends creation procedure

*Leveraged knowledge:* Time Series forecasting, LightGBM, Spark, business presentation

2018/08 – 2019/10

**Junior Data Scientist, DOC+** 📄

- Eva-gynecological *bot*
  - Built the bot from scratch, that was used by 100k+ users all over the world
  - 75%+ of users' questions were correctly matched with relevant articles on the 1st try
- Symptoms *recognition model*
  - Increased inference speed of symptoms recognition from 10sec to 1sec on standard patient's chart

*Leveraged knowledge:* Neural network, chatbot, NER, NLP, Topic modelling, LDA, Docker, Flask

## Scientific and educational work

2018 – present

**Introduction to Machine Learning (RU)**, Lomonosov Moscow State University 📄

## Education

2016 – 2018

**Master of Mathematics and Computer Science**, Lomonosov Moscow State University  
Faculty of Mathematics and Cybernetics, Department of Mathematical Methods of Forecasting

2012 – 2016

**Bachelor of Economics**, Lomonosov Moscow State University  
Faculty of Economics, Department of Mathematical Methods

## Languages

English (Advanced) | German (B1) | Russian (Native)

## Skills

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|----------------|--|---|--|
| • Python, bash | • ML, DL, NLP, pytorch, boosting, pandas, numpy, seaborn, plotly | • SQL, oracle, postgres, hadoop, hive, pyspark, dbt, metabase | • AWS, airflow, docker, flask, deepchecks, evidently, git, crontab |
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