

DS WORK EXPERIENCE

[WISEBITS](#) | Limassol, Cyprus

March 2020 – February 2021

Data Scientist

User behavior analysis and recommender system development for a video-streaming service (>1.5mn viewers and >80k streamers):

- suggested and developed a validation approach that allowed to test hypotheses offline and select the best ones for A/B tests;
- educated management and back-end teams on new ML approaches and improvements to be implemented;
- improved the target metric through recommender system upgrades twice:
 - (1) +7% to target metric: initiated new database development, optimized data preprocessing pipeline and model parameters;
 - (2) +1% to target metric: added classifier (gradient boosting) above matrix-factorization model.

Curated data annotation and was learning neural net for multilabel image classification (10 classes).

[PRODUCT FEATURES RESEARCH](#) | Remote

February 2020

Applied ML and statistics instruments to analyze >7k product's reviews from a distributor's website:

- extracted product features which are important for the customers and identified customers' sentiment to them;
- compiled a report regarding features to be improved and features to be left without adjustments.

Deliverables of this project are available in [this repository](#).[DATA STUDIO](#) | Moscow, Russia

May 2019 – March 2020

Data Scientist

Was responsible for developing an ML-model forecasting arrival time of freight wagons:

- leading and facilitating the communication with the client for the project roadmap planning and new hypothesis elaboration;
- performing ad hoc analytics, new features engineering, validating, and deploying into production.

ML COMPETITION EXPERIENCE

[HUBMAP - HACKING THE KIDNEY](#)

April 2021

Built a semantic segmentation neural network for detection of functional tissue units (FTUs) across different tissue preparation pipelines. Dice coefficient for the network: 0.912 (on the public leaderboard).

Code written during this competition is available in [this repository](#).[ELO MERCHANT CATEGORY RECOMMENDATION](#)

March 2019

My final solution ranked top 9% at the private leaderboard and earned me a bronze medal.

OTHER WORK EXPERIENCE

[UNICREDIT BANK](#) | Moscow, Russia

October 2017 – November 2018

Derivatives Sales. Launched a new business line for UniCredit Bank Russia - commodity derivatives.[EAT-REPEAT](#) | Moscow, Russia

April 2017 – October 2017

Founder. Launched food delivery service from scratch and developed to the first sales.[SBERBANK CIB](#) | Moscow, Russia

July 2014 – April 2017

Derivatives Sales. Was maintaining FX and rates derivatives business with existing clients and originating transactions.[KPMG](#) | Moscow, Russia

July 2013 – April 2014

Tax Consulting. Worked on tax advisory projects related to tax accounting of derivatives transactions.

EDUCATION

MOOCs | Online

September 2018 – present

- **Deep Learning** specialization by deeplearning.ai - [certificate](#);
- **Data Analyst in Python** path by Dataquest Labs, Inc. - [certificate](#);
- **Mathematics for Machine Learning** specialization by Imperial College London - [certificate](#);
- **Learn to Program** courses by University of Toronto: 'The Fundamentals' - [certificate](#); 'Crafting Quality Code' - [certificate](#);
- **Python Programming** course by Bioinformatics Institute - [certificate](#);
- **Python: Basics and Applications** course by Bioinformatics Institute - [certificate](#).

Center of Mathematical Finances (Moscow State University)

September 2013 – June 2014

Plekhanov Russian University of Economics | Moscow, Russia

September 2009 – June 2014

Finance Department. Bachelor's degree.

SKILLS

Python: PyTorch, NumPy, pandas, scikit-learn (sklearn), XGBoost, LightGBM, Matplotlib, seaborn, plotly, spaCy, implicit**Other:** Docker, SQL, MS Excel, MS PowerPoint**Languages:** English – fluent; Russian – native