Kirill **Piaternev**

DATA SCIENTIST · MACHINE LEARNING ENGINEER

+7 915-000-2003 | aaaternev@gmail.com | pyataaaev

Education

Higher School of Economics
Moscow, Russia

BACHELOR OF MATHEMATICS — *September 2015 - June 2020*

- studied deep learning and reinforcement learning courses from Computer Science department

Skills

Programming Python, SQL, C++
ML/DL frameworks sklearn, nltk, pytorch
Databases PostgreSQL, Spark, Greenplum, Teradata, MongoDB, MySQL
DevOps Docker, Kubernetes, Jenkins, GitlabCI
Back-end Flask, fastapi
Languages English, Russian

Experience

Sberbank
Moscow, Russia

DATA SCIENTIST — *May 2020 - present*

- improved the quality of promotions, conversion was increased from from 3% to 9% via recommendation model based on 17 prediction models for 9 bank partners
- reduced time of creation prototype of binary classification model from 8 to 4 hours via adding dask support in model creation pipeline

CROC
Moscow, Russia

DATA SCIENTIST — *June 2018 - April 2020*

- created prototype of recommendation model that can reduce the percentage of rejects from 1% to 0.2% via cascade of models based on time series factory data
- created an MVP to automate a verification of documents in insurance claim process that can shorten it to a few minutes with using computer vision recognition and named entity recognition models
- designed ML management system that can operate dozens of models in production based on Kubeflow
- automation process of making optimal daily routes for more than 100 train conductors with graph-based model
- developed tool for managing resources for rzd cargo train stations with prediction models and special UI

Tracktrack
Moscow, Russia

MACHINE LEARNING ENGINEER — *March 2018 - June 2018*

- upgrade postitive feedback on MVP of interactive digest for Russian Railway managers to 85% with creation and embedding text classification models

Asteros
Moscow, Russia

JUNIOR DATA SCIENTIST — *October 2017 - March 2018*

- reduced year integral downtime time of isobutane reactor from weeks to days with predictive model
- shorten call-center client waiting time to seconds with MVP of QA recommendation model

Research

Higher School of Economics
Moscow, Russia

RESEARCH ENGINEER — *September 2020 - present*

- speed up the process of data markup by 10 times with implemented a special web app written with Flask
- created a baseline for code classification task (43 classes) with mean accuracy 0.45 with regex-based models