Igor Elizarov
iaelizarov112@gmail.com | +7(904)090-40-17 | **github.com/igoryash-kudryash**

WORK EXPERIENCE

Kvarta   Moscow, Russia
Senior Analyst   October 2021 − Present
- Developed an algorithm for automated estimation of flats,
  that simulates the work of an appraiser completely.
- Optimized property buyout process halved the estimation time.
- Supported auto estimation tool in Airflow.
- Developed a model for filtering uninformative photos.
- Performed visualizations of researches via Python.

CITIS   Moscow, Russia
ML developer   October 2020 − September 2021
- Developed software for people re-identification.
- Analyzed and compared pretrained models using PyTorch.
- Developed GUI using Qt.

EDUCATION

Higher School of Economics   2018 − 2022
Bachelor's degree in Applied Math
- GPA 8.61/10.
- Minor degree in Neural Networks.

PROJECTS

Multimodal fact checking models   November 2021 − May 2022
- Preprocessed textual claims via BERT model.
- Extracted feature vectors from images with ResNet50.
- Trained and validated different classification algorithms.
- Improved $F1 - score$ by 21% by adding visual information.

Detecting unauthorized persons and objects   December 2020 − October 2021
- Trained model for real-time object detection.
- Improved overall accuracy by adding new classes by 8% each.
- Developed an algorithm with more than 70% accuracy for each class.
- Chosed the optimal architecture depending on quality-price-ratio.

QUALIFICATIONS

Professional certification "Tensorflow Developer"   December 2021 − April 2022
- Computer vision in TensorFlow.
- Natural language processing in TensorFlow.
- Sequences and time series in TensorFlow.

Specialization "Deep Learning"   February 2021 − July 2021
- TensorFlow, Keras.
- VGG, YoLo, MobileNet, U-Net, ResNet.
- Transformers, RNNs, GRUs, LSTMs.

Specialization "Machine Learning and Data Analysis" September 2020 − July 2021
- A/B testing, Statistical hypothesis testing.
- Linear and Logistic Regression, Random Forest, Support Vector Machine.
- Clusterization, Dimensionality reduction, Data visualization, Outlier detection.

SKILLS

Hard Skills: Python (sklearn, tensorflow, keras, scipy, opencv, catboost, qt, pandas, numpy, matplotlib), Machine Learning, SQL (join, nested queries, indexing, window functions), Git, Bash, Airflow, Docker, C++, Jira.
Soft Skills: Agile software development, English B2, Independency.