

Maxim Ignatov

Email ◇ GitHub ◇ Telegram ◇ LinkedIn

EDUCATION

Bachelor of Science in Applied Mathematics and Computer Science (8.69/10 GPA)

Higher School of Economics University

Moscow, Russia

09/2022 - 06/2026

WORK

Machine Learning Engineer

RnD-42

Developed AI modules using neural networks and computer vision in object recognition, re-identification and tracking tasks. Models implemented in the system of 15+ toll roads throughout Russia.

Key words: Vehicle Re-Identification, Contrastive/Metric learning, Object Tracking

06/2024 - Present

Research Intern

Bayesian Group

Developing Face manipulations (Hair swap, etc.) systems using Diffusion models.

Supervised by Aibek Alanov

09/2024 - Present

TECHNICAL SKILLS

Languages: Python, C/C++, \LaTeX

Frameworks: PyTorch, OpenCV, Ultralytics, Transformers, PostgreSQL, Apache Spark, Apache Kafka, Numpy, Pandas, Matplotlib, CatBoost, WandB, Sklearn

PROJECTS

Context Mechanisms for Convolutional Models in Real-Time Audio Separation Problem

[link](#)

SpEx+ and streaming models with ConvLSTM

Intro to NLP (Kaggle bronze medal)

[link](#)

Disaster Tweet classification, *CatBoost*, *Bert*

Spam classification

[link](#)

Test task for VK internship, *CatBoost*, *Bert*

Music RecSys

[link](#)

Test task for VK internship

Basic Denoiser

[link](#)

Simple Profile denoiser

COURSES

Yandex Lyceum++

Machine Learning

01/2022 - 06/2022

DLS by MPIT

Machine Learning

09/2021 - 09/2022

ACADEMIC ACHIEVEMENTS

Currently I'm writing my course paper about "Context Mechanisms for Convolutional Models in Real-Time Audio Separation Problem". I also have a good place in my faculty ranking (31/313). Now I'm working as a Teaching Assistant in (my favorite) linear algebra course.