

Maxim Ignatov

Email ◇ GitHub ◇ Telegram ◇ LinkedIn

EDUCATION

Bachelor of Science in Applied Mathematics and Computer Science (8.69/10 GPA)	Moscow, Russia
Higher School of Economics University	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

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
<i>SpEx+ and streaming models with ConvLSTM</i>	
Intro to NLP (Kaggle bronze medal)	link
Disaster Tweet classification, <i>CatBoost, Bert</i>	
Spam classification	link
Test task for VK internship, <i>CatBoost, Bert</i>	
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.