

# Roman Lisov

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## EXPERIENCE

### Sberdevices

Moscow, Russia

- Computer Vision Engineer

1 year exp. Sep. 2022 – now

NN optimization device-friendly NN GANs help with deploy

- Project leading: Image & Video Enhancement: Gamma Correction, AutoWhite Balance, Exposure Correction, Denoising.
- Research in: Background matching, Color correction, color adjustments.

### Prisma Labs

Moscow, Russia

- Computer Vision Engineer

2 year exp. Feb. 2020 – Feb. 2022

Git Pytorch Docker

- Participated in projects: Monocular depth-estimation, Style-transfer, Beauty-filters, Bokeh-effect processing, Segmentation, Lut-estimation. NN distillation mobile-friendly NN GANs classical CV
- Projects leading: Auto-white-balance, Sky-segmentation, Bpm-detection, Double-chin removal. NN distillation mobile-friendly NN GANs help with deploy
- Research in: Deblurring, Denoising, Distillation, Matting, Depth-estimation.

### IITP RAS

Moscow, Russia

2019 – 2020

- Research Student

Python Pytorch Paper Writing

- Publication: R. Lisov, N. Mokrov, A. Tkachev and M. Panov, *Classification of patients with schizophrenic disorders based on analysis of lipid composition of blood plasma*.
- Participated in publication: *Lipid Alteration Signature in the Blood Plasma of Individuals With Schizophrenia, Depression, and Bipolar Disorder*.
- Participation in specialized scientific conference: ITAS-2019.
- Projects: Bayesian optimization, Histogram loss in graph embedding, Link prediction task in graph structures.

## EDUCATION

- Yandex School of Data Analysis

Moscow, Russia

Data science track

Sep. 2021 – May. 2023

- Master's degree at Moscow Institute of Physics and Technology

Moscow, Russia

Applied Mathematics and Computer Science

Sep. 2021 – Aug. 2023

- Thesis: Faceswap

- Bachelor's degree at Moscow Institute of Physics and Technology

Moscow, Russia

Applied Mathematics and Physics. GPA: 4.88/5.00

Sep. 2017 – Aug. 2021

- Thesis: Link prediction using graph neural networks
- Basic department: Institute for Information Transmission Problems

## HARD SKILLS

- Languages: Python, C, C++
- Tools: Git, Docker, DVC, wandB, tensorboard, mongoDB, hydra
- Data workflow, ML, DL: pytorch, numpy, scikit-image, opencv, matplotlib
- English level: C1

## SCHOLARSHIPS, AWARDS AND OTHER ACTIVITIES

- Abramov scholar for high average score in MIPT Sep. 2017 – Aug. 2020
- Winner of the regional stage of the All-Russian Olympiad of schoolchildren in physics 2015 – 2017
- Winner and Prizewinner of various university Olympiads for schoolchildren in mathematics and physics 2015 – 2017
- Participant of ACM ICPC 2018, ACM ICPC 2019
- Participant of the hackathons: Phystech.Genesis track Kirovsky Plant, MoscowHack 2019 v3.

## SOFT SKILLS

- Activities: Examiner and organizer of university Olympiads, Counselor in educational camps, organizer of events for students
- Sport & Hobbies: football, gym, volleyball, table tennis, literature, photographing, vocal