
Education

Higher School of Economics

Moscow

Faculty of Computer Science (ML and applications spec)

Sep. 2019 – exp. June 2023

- Applied Math and Information Science, 8.7/10 (top 7.75%)

Higher School of Economics

Moscow

Faculty of Economic Science

Sep. 2020 – exp. June 2022

- Financial Markets, 9/10

Projects

Style-Big GAN

github.com/retir/Style-Big-GAN

- It is a 3rd course research project devoted to combining Style-GAN and Big-GAN models
- We researched methods of scaling up GAN's and impact of adding attention layers in models
- As a result we improved FID of generated images from 6.27 to 4.17 and IS from 9.4 to 9.78

GAN starter

github.com/retir/Style-Big-GAN

- Universal starter for GAN models written on torch
- Allow you to select parts for your network such as generator, discriminator, loss and etc.
- Works with omegaconf library which makes experiment setup more comfortable

Telegram Notification Bot

github.com/retir/Telegram-notification-bot

- Bot sends custom notifications to users
- Users can select the body, time, and frequency of notifications sent

Experience

Tinkoff and MSU math olimpiade

github.com/retir/certificates

- Prize-winner of Tinkoff and MSU math olimpiade

Laboratory Works

github.com/retir/Laboratory-works

- A set of different laboratory works performed during study
- Made in Jupyter Notebook (Python 3)

Courses

Tinkoff Applied Statistic

[Certificate link](#)

- Parameter estimation and A/B testing
- Production analysis

Machine Learning and Data Analysis

[Certificate link](#)

Supervised Learning

- Linear models
- Random forest
- Neural networks

Databases

[Certificate link](#)

- Relational databases
- SQL queries

Skills

Languages: Python 3, C/C++, SQL

Spoken Languages: Russian, English

Tools: Jupyter Notebooks, Git, LaTeX, Docker

Libraries: NumPy, Pandas, Matplotlib, SciKit-Learn, PyTorch