

MARAT MANSUROV

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EDUCATION

Higher School of Economics

Sep 2019 – Expected Jun 2023

Bachelor in Applied Mathematics and Information Science

SKILLS

Programming Languages	Python, C++, SQL
Technologies	GitHub, Windows, Linux
Programming Tools	Visual Studio, PyCharm, Jupyter Notebook
Modules	Pandas, Scikit-learn, Numpy, PyTorch, Matplotlib, Seaborn
Languages	Native Russian, Proficient English

WORK EXPERIENCE

- Analyst at Yandex, Moscow, Russia June 2021 – October 2021

Implemented new classifiers for detecting political and prohibited content on images and improved quality metrics from 63 to 78 percent compared with previous approaches. Worked with databases, collected datasets for training models, prepared dynamic graphics for the main dashboard.

PROJECTS

- Made a neural net playing Flappy Bird using DQN algorithm using **Gym** package for **Python**.
- Wrote my own Snake game on **Python** and a Neural Net for it using genetic algorithm.
- Currently, work with deep learning for audio. Research the impact of Attention Mechanism for accent recognition problem.

ACADEMIC ACHIEVEMENTS

- Winner of "I.J. Verchenko Interregional Olympics in Mathematics and Cryptography" Olympiad. (300+ participants)
- Winner of "Lomonosov" Mathematics Olympiad. (500+ participants)

EXTRA ACTIVITIES

- Gaming, sports