

# MARAT MANSUROV

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## EDUCATION

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**Higher School of Economics**

Sep 2019 – Expected Jun 2023

Bachelor in Applied Mathematics and Computer Science

## SKILLS

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<b>Programming Languages</b>	Python, SQL, Bash
<b>General</b>	GitHub, LaTeX, Linux, Algorithms and Data Structures
<b>Programming Tools</b>	Visual Studio, PyCharm, Jupyter Notebook, Anaconda
<b>Frameworks</b>	Numpy, Pandas, Scikit-learn, PyTorch, W&B, CatBoost
<b>Languages</b>	Native Russian, Advanced English

## WORK EXPERIENCE

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**Intern Deep Learning Engineer at Text-to-Speech Team, Yandex**

July 2022 – Present

- Working on improvement speech synthesis quality by using a user quality assessment.
- Python, SQL, PyTorch.

**Intern Analyst at Yandex.Direct Moderation Team, Yandex**

June 2021 – October 2021

- Trained and implemented **4** new classifiers for detecting political and prohibited content on images. Improved quality metrics from **0.62** to **0.80** compared with previous approach.
- Collected **3** datasets from raw logs for training.
- Python, SQL, CatBoost

## PROJECTS

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- Made a neural net playing Flappy Bird using DQN algorithm using OpenAI Gym package for Python.
- Wrote my own Snake game using Python and a FCNN and trained it using genetic algorithm.

## ACADEMIC ACHIEVEMENTS

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

## EXTRA ACTIVITIES

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- Gym, climbing, billiard, volleyball.