

# 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 Information Science

## SKILLS

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

## WORK EXPERIENCE

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

Implemented 2 new classifiers for detecting political and prohibited content on pictures based on gradient boosting models and improved quality metrics from 63 to 78 percent compared with previous approach. Also worked a lot with databases and prepared datasets for training models, calculated different metrics and prepared dynamic graphics for the dashboard

## PROJECTS

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- 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.

## ACADEMIC ACHIEVEMENTS

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- Winner of "I.J. Verchenko Interregional Olympics in Mathematics and Cryptography" Olympiad for schoolchildren.
- Winner of "Lomonosov" Mathematics Olympiad, Olympiad for schoolchildren.
- Finished "Introduction to Data Science and Machine Learning" course on stepik.org
- Finished "Introduction to Machine Learning" course by HSE and Yandex School of Data Analysis on coursera.com
- Finished "Basics of Statistics" course on stepik.org
- Finished "Intro to Machine Learning" course on kaggle.com
- Finished "Intermediate Machine Learning" course on kaggle.com
- Finished "Natural Language Processing" course on kaggle.com

## EXTRA ACTIVITIES

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- Gaming, sports