IGOR MARKELOV

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EDUCATION

National Research University Higher School of Economics   *September 2020 - Present*
BS in Applied Mathematics & Computer Science, expected graduation year: 2024
Merit-based scholarship, covering 100% of tuition
Minor in Philosophy
Overall GPA: 8.03/10

TECHNICAL SKILLS

Programming Languages	C++ (prefered), python, kotlin
Software & Tools	VsCode, Sublime Text, Vim, Git, LaTeX
Languages	Russian (native), English (intermediate)

WORK EXPERIENCE

Yandex   July - October 2021
ML Researcher (intern)   *Moscow, Russia*

· Trained a model (Satboost) to predict the assessor's skill on a specific data markup task.
· Achieved AUC ROC 0.8 on the test .

Tinkoff Bank   March - May 2021
C++ Developer (intern)   *Moscow, Russia*

· Developed a service for searching nearest neighbors in a large-dimensional space (knn-search).
· Used locality-sensitive hashing.

PERSONAL PROJECTS

Backtest   February 2022
Research work

· Development of a backtest for working with L2 market data.
· Researching various simple strategies that don't work in real life, based on historical data using my backtest.

Wang tile   September 2020 - February 2021
Research work

· This is a program to explore the properties of small sets of tiles in this, complex but solvable mathematical problem.

COMPETITIVE PROGRAMMING

My account on the CodeForces platform: **Siberian**

ACHIEVEMENTS

CS Education:
Summer Informatics School 2019. Studied algorithms and data structures
Winter School of Olympiad Preparation of Innopolis University 2019, 2020
Algorithmic & Data Structures courses by Tinkoff Generation