

# IGOR MARKELOV

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## EDUCATION

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**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

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<b>Programming Languages</b>	C++ (preferred), python, kotlin
<b>Software &amp; Tools</b>	Sublime Text, Vim, Git
<b>Languages</b>	Russian (native), English (intermediate)

## WORK EXPERIENCE

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<b>Tinkoff Bank</b>	March - May 2021
<i>C++ Developer (intern)</i>	<i>Moscow, Russia</i>

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

<b>Yandex</b>	July - October 2021
<i>ML Researcher (intern)</i>	<i>Moscow, Russia</i>

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

## PERSONAL PROJECTS

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<a href="#">Wang tile</a>	September 2020 - February 2021
<i>Research work</i>	

This is a program to explore the properties of small sets of tiles in [this](#), complex but solvable mathematical problem.

## COMPETITIVE PROGRAMMING

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My account on the CodeForces platform: [Siberian](#)

<b>XIV Moscow Open Olympiad in Informatics</b>	2020
<i>2'nd Diploma</i>	

- 39-40'th place among more than 2000 participants in the final stage

<b>Russian National Olympiad in Computer Science</b>	2019
<i>Finalist</i>	

- 184'th place among more than 30000 participants

## ACHIEVEMENTS

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### 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