IURII BATRAKOV

Applied Mathematics and Computer Science Student

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PROJECTS

Minimal.io
Simple cross-platform Python game

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ProGraph
Website created to make interaction with graphs easier

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FileCollector
Bot which helps in converting, separating and renaming huge documents automatically

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PlanE
Calculating the capacity of an Pulkovo aviation training center for training external customers

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Complex algorithms and bibliotheques
Gamma-algorithm, Huffman tree, BigInteger, Geometry

EDUCATION

Pursuing B.Tech in Applied Mathematics & CS Ranking TOP-4% of Department (GPA 8.32 of 10)
National Research University
Moscow Institute of Physics and Technology

📅 August 2019 – Present   📍 Moscow, Russia

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Graduate of Physics & Mathematics class Ranking TOP-10% of grade
Pre-University of MEPhI High School

📅 August 2016 – June 2019   📍 Moscow, Russia

EXPERIENCE

Activist
Youth Committee of the Institute

📅 October 2020 – Ongoing   📍 Moscow, Russia

Manager of "Transformation of Educational Process of MIPT" project

MY LIFE PHILOSOPHY

"Developing gives the sense to life."

MOST PROUD OF

🏆 **Intel ISEF 2019 participant**
My partner and I made a scientific project on laser physics and participate in International Intel ISEF 2019 in USA presenting Russia after winning all-Russian project Olympiad "Junior" twice. We also presented our project on several conferences, e.g. on "Haritonovskie chteniya" in Sarov

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🏆 **Winner of the Joint Inter-University Mathematical Olympiad 2019**
The JIMO is one of the most popular mathematical Olympiads held in Russia at the initiative of the country's leading universities

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⭐ **Launching "Transformation of Educational Process of MIPT" project**
In the autumn of 2020 I have launched the new project aimed at participating of students in developing of new platform "Digital Phystech" (MIPT develop it in pair with Sber), solving conflicts between students and professors, creating new subjects students want to study and making it easier to form individual educational trajectory

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💗 **Donating of blood**
Just because it will help somebody and I can do this

STRENGTHS

Hard-working   Sociable   High learning rate

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Linear algebra   Discrete mathematics
Probability theory

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Python   Data Structures and Algorithms
C++   Object-Oriented Programming
LaTeX

LANGUAGES

Russian   ● ● ● ● ●

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English   ● ● ● ○ ○

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French   ● ● ○ ○ ○