

# GEORGE LOPATENKO

## Software Engineer & IT Enthusiast

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lopa10ko



## EDUCATION

Bachelor in Information Systems and Technologies, Computer Technologies Department

**ITMO University**

Sept 2021 – May 2025

High School in Petersburg

**Presidential physics and mathematics lyceum №239**

2021 grad

## SKILLS

Python

NumPy

PyTorch

Matplotlib

Django

Pandas

Seaborn

C/C++

OOP patterns and basics

mySQL

CURL/JSON

Linear algebra

Calculus

Discrete math

Statistics

Probability theory

Git

Docker

SQL

## RECENT ACHIEVEMENTS

Most in-depth research winner (Machine Learning)

**GazpromNeft**

April 2021

Sochi (Sirius), RU

- Developed a neural network for rocks types classification using machine learning and database regulation patterns
- Adapted the solution to working conditions from 60% to 85% precision
- Pitched the project to leading specialists and machine learning architects from GazpromNeft and received a good review of the potential implementation of project in terms of financial benefit

Most practical research winner (UAV modelling)

**GazpromNeft**

December 2020

Saint-Petersburg, RU

- Developed a system for automated monitoring of the oil field using a UAV
- Estimated the possible income from the implementation in 2 million rubles per year of launching

Winner of physics and math olympiad (Phystech)

**Moscow Institute of Physics and Technology (MIPT)**

2021

Moscow, RU

Various lab works and code development

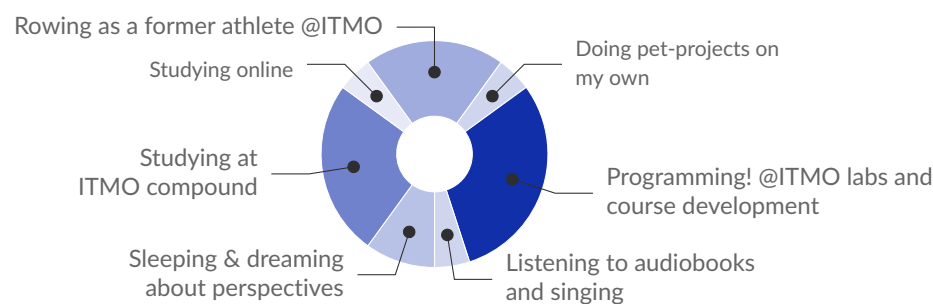
**ITMO University**

September 2021 - May 2025

Saint-Petersburg, RU

- You can check my code out at my GitHub: algorithms and ds, C/C++ programming, IBM architecture ...

# A DAY OF MY LIFE



## MOST PROUD OF



**Courage I have**  
when I start working on a new project



**Persistence & Loyalty**  
I can show when I take responsibility for my work



**Striving for growth**  
from a intern/junior developer to more responsible positions with a higher risk and dedication

## PUBLICATIONS



**Journal Article**  
Pshenin V.V., Lopatenko G.V., Borisov A.V., Lopatenko G.V., Nikitina V.S (2021). Analysis of the provisions of the legislation of the Russian Federation related to the use of pipes that were in operation. Developing the energy agenda of the future, 330–334. 47381846

## LANGUAGES

Russian  
English

