



GEORGE LOPATENKO

Software Engineer & IT Enthusiast, Calculus Mentor

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Check out my GH: github.com/Lopa10ko

EDUCATION

Bachelor of Software Engineering | *Information System and Technologies*

ITMO University

Sep. 2021 – now

Saint-Petersburg, Russia

Presidential Physics and Math Lyceum №239

High school, russian TOP-5 prestigious schools

Sep. 2019 – May 2021

Saint-Petersburg, Russia

SKILLS

Languages: English (Upper-Intermediate), Russian (Native)

Programming: Python (NumPy, SciPy, Pandas, Pytorch, NLTK+SpaCy), C# (OOP, EF, .NET), Java (Core, Spring)

Other: Microsoft Office Suite, LaTeX, Github, Bash, Docker, SQL

WORK EXPERIENCE, PROJECTS

Most in-depth research winner (ML)

GazpromNeft

- Developed a neural network for rocks types classification using classic ML and database regulation patterns
- Adapted the solution to working conditions, achieved increase in precision from 60% to 85%
- Pitched the project to leading specialists and ML architects from GazpromNeft, estimated financial benefit: \$43000 per month save on one mine facility

Most practical research winner (UAV)

GazpromNeft

- Developed a system for automated monitoring of the oil field using an UAV in Python
- Estimated financial benefit: \$29000 per month save on one mine facility

Other Labs and Homeworks

ITMO Uni

Saint-Petersburg, Russia

- Algorithms and Data Structure, Python/C/C++/C/Java programming
- Physics, IBM architecture and Calculus

PUBLICATION

Analysis of the provisions of the legislation of the RF related to the use of pipes that were in operation

Pshenin V.V., Lopatenko G.V., Borisov A.V., Lopatenko G.V., Nikitina V.S (2021)

HONORS AND AWARDS

Unified State Examination

2021

Scored 292/300, Math + Informatics + Russian

PhysTech Math Olympiad (Moscow Institute of Physics and Technologies)

2021

Olympiad winner, got scholarship at ITMO

International Tournament of Math Modelling (Moscow State University)

2018

Olympiad winner, 4/500 overall place