

Mikhail Vasilev

Moscow, Russia

mikle.201@gmail.com

(+7) (985) 190-81-13

<https://t.me/mikhaelyes>

<https://github.com/Mikhaelyes>



ABOUT ME

I am a student at one of the best engineering universities in the country. I have been making my own projects since I was a kid. At school, I was especially interested in physics. I have reached the candidacy for the national physics team. I developed teamwork skills through camps and hiking trips. I have been on around 25 hiking trips. These experiences helped me understand the importance of reflection, leadership, friendship, and synergy. At university, I focused on developing technical skills. GPA: 4.4/5.

My core principles are:

1) Work for the benefit of society. 2) Embrace change. 3) Always remain human. 4) Always be honest. 5) Respect your colleagues. 6) Freedom and stability.

EDUCATION

Moscow Institute of Physics and Technology

- **Bachelor's and master's** Degree in Applied Mathematics and Physics
- September 2019 – 2026
- Dolgoprudny, Russia

WORK EXPERIENCE

Institute of Control Sciences

- Moscow – **data analyst**
- 09.2022 – 07.2023

Parsing of the accounting financial statements website. Analysis of financial indicators of a large sample of organizations. Building a predictive model.

EDUCATIONAL PROJECTS

- [CosmoProject](#) (C++) (programmer)

The program reproduces gravitational interaction (Newton's Laws) between planets and a spaceship. Allows you to control the ship, land it on a planet and take off from it. The program allows to zoom-in and zoom-out. **Developed in a team of 3 people.**

- [Winner of Tinkoff Bank Hackathon](#) (data analyst)

Based on row data an analysis of work efficiency of 3 bank departments was made. Using SQL, python and statistics. **Developed in a team of 5 people.**

- [Parser and article](#) (data analyst)

A parser of web data was written. Based on row data an analysis of large range of companies was made. Results are shown in scientific article: "A two-level revenue forecasting model for a large-scale energy system."

DOI: 10.25728/datsys.2023.2.12

- [ML course](#) (programmer)

Several machine learning programs.

OWN PROJECTS

- **Beverage bottling project**

Product analytics of a beverage bottling project (system design, competitor analysis and market entry strategies).

EXTRACURRICULAR ACTIVITIES

- The **curator** of the first-year students of MIPT.
- Assistance in the work of the MIPT **Student Council**.
- **Organization** of the MIPT Olympiads.

SKILLS

- **Programming**

Python, C/C++, SQL, Assembler.

- **Python libraries**

NumPy, Pandas, Matplotlib, Pytorch, SciKit-Learn, Plotly, CatBoost, SciPy.

- **Other software**

Git, LaTeX, Power BI, Linux, JupyterLab.

HONORS AND AWARDS

- **Candidate** for the Moscow National Olympiad team in physics, 2018.
- **Prizewinner** of regional round of All-Russian Physics Olympiad, Moscow, 2017.
- **Prizewinner** of regional round of All-Russian Physics Olympiad, Moscow, 2018.
- **Participant** of Regional Round of All-Russian Mathematics Olympiad, Moscow, 2018.

COURSES (Link)

- [Cisco courses](#) (2019).
- [SQL simulator](#) (Karpov courses).
- [Diploma of professional retraining](#) (Data scientist).
-

LANGUAGES

- Russian (native).
- English (B2).
-

SPORT

- Swimming (3rd category).
- Bicycle.
- Hiking.
- Karate (1 ku).