

DMITRY TIKHONOV

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Education

Moscow Institute of Physics and Technology

Sep. 2022 – Sep. 2026

Applied Mathematics and Physics

- GPA: 8.5/10.0

Advanced machine learning methods

Mar. 2024 – Dec. 2024

Digital Department MIPT

- During the course I learned how to use Python for data processing

Experience

Head of the Educational Department

Moscow

Student Council of the DREC, MIPT

Feb. 2025 – present

- Developed a system of student surveys that revealed weaknesses in teaching and allowed for the modernization of learning
- Automated survey processing using Python and SQL

Publications

Random Number Generator

Jun. 2024

D. A. Matiushin, L. M. Lobanov, ***D. R. Tikhonov***, V. Yu. Stozhkov, G. I. Lapushkin

[53.06](#), [681.527.7](#) 

Projects

Random Number Generator

[github.com](#) 

- Used Python to predict the p-value and process data obtained from a random number generator
- Random number generation based on bipolar transistor noise. The results of the work were presented in a scientific journal

Skills

Technical: Python (pandas, numpy, matplotlib, plotly, scipy), PyCharm, SQL

Network Skills: TCP/IP, Cisco, VLAN, LACP, ARP, RIP, OSPF, xSTP, VPN

Other: Miro, LaTeX

Languages: English (B1), Russian (native)