

Nikita Smertyak

4th year student at MIPT

Pervomaiskaya street 30

Dolgoprudny, Russia

☎ +7(977)-332-35-08

✉ smertyak.n@phystech.edu

🌐 <https://github.com/nikitasmertyak>

Research Interests

- Python programming
- Physical and math modelling
- Computational Mathematics

Education

2017-Now **Senior**, *Moscow Institute of Physics and Technology (State University)*, Moscow, Russia,
GPA - 4.8/5.

Applied Mathematics and Physics(Faculty of Aero and Space Engineering)

Masters and Online Courses

Python(MIPT), Algorithms and Data Structures(MIPT), Python(foxford), Mathematics and Python for Data Analysis (MIPT, Phystech School of Fundamental and Applied Physics), Introduction to C++(MIPT), Numerical methods in Engineering with Python(MIPT), Introduction to Solidworks(MIPT), Python Programming Practice(MIPT)

Experience

Sep19 -Jul20 **Department of Computational Physics(MIPT) Internship** Demchenko Vladimir Vladimirovich

Project: Computational Mathematics .Solving differential equations and mathematical physics equations

Sep21 -Now **Department of Computer Science(MIPT) Internship** Timofey Fedorovich Khirianov

Project: Image Preprocessing

Computer skills

PL	Python, C/C++	Type Setting	LaTeX, Microsoft Office, LibreOffice
Familiar With	OOP, Numpy, Matplotlib, Pandas, Sclearn, Scipy, Math Statistics	OS	Linux, MacOS, Microsoft Windows
IDE	Vim, IDLE, Jupyter, Xcode, Visual-Studio, PyCharm, CodeBlocks	Database	MySQL, PopSQL
Math	Algorithms, Data Structures		

Languages

Russian Mother tongue

English B2 Level

German A2 Level