Aleksandr **Nevarko**

Computer Science · Software Engineer

☎ (+7) 925 203-27-42 | ✉ nevarko.ad@phystech.edu | ⬛ AlexanderNevarko

Summary

I am a 4-year student of MIPT. I am keen on programming, physics, maths and mostly all other technical sciences. I have an analytical mindset, have an entrepreneur spirit and a lot of will to create new interesting projects. I am looking forward to learning new areas of computer science, such as Data Science, High Load systems, Distributed systems, applied mathematics.

Experience

Acronis   *Moscow, Russia*

INTERN IN RESEARCH AND DEVELOPMENT   *Sep 2019 - Present*

- Developing REST API Intelligent Fuzzing tester as a graduate work. The tool may become an opensource competitor for an analog from Microsoft Research RESTLer.

Laboratory for modeling and designing special computing architectures   *MIPT, Moscow, Russia*

PYTHON DEVELOPER / PHYSICIST   *Jul 2019 - Present*

- Integrated a physical model of a ballistic rocket into the project.
- Developing a physical engine for phased antenna arrays.
- Improved a graphical phased antenna array geometry redactor.

MIPT Student Council   *MIPT, Moscow, Russia*

HEAD OF IT-DEPARTMENT   *May 2017 - Dec 2018*

- Created an access system for public places, such as washing rooms in dormitories, consisting of a web-site and an electronic locker for key-cards (frtk.mipt.ru).

School Self-government Council   *Lyceum 2, Moscow, Russia*

HEAD OF SCHOOL SELF-GOVERNMENT COUNCIL   *Sep 2015 - Jun 2016*

- Implemented a humanitarian aid project for Russian-language schools in Kyrgyzstan. About 5 tons of Russian-language textbooks were collected in Moscow and distributed to 14 schools in Kyrgyzstan.
- Founded a charity fair, the profit of which went to help children with health problems in orphanages.

Education

Moscow Institute of Physics and Technology   *Dolgoprudny, Russia*

DEPARTMENT OF RADIO ELECTRONICS AND CYBERNETICS   *2016 - 2020*

SUB-DEPARTMENT OF THEORETICAL AND APPLIED INFORMATICS, AFFILIATED WITH ACRONIS *2018 - 2020*

Skills

Programming	Python, Go, C/C++, git, Linux
Maths	Linear algebra, mathematical analysis, differential equations, probability theory, etc.
Physics	General physics, quantum mechanics
Soft Skills	Leadership, communications, teamwork
Languges	English (upper intermediate), German (B1)

Honors & Awards

2018	**Winner of the Russian stage**, Red Bull Basement University	*Moscow / Berlin*
2016	**Final Stage Winner**, Russian National Physics School Olympiad	*Sochi, Russia*