

Aleksandr Nevarko

COMPUTER SCIENCE · SOFTWARE ENGINEER

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Summary

I am a 5-year student at MIPT and a 1-year student at Skoltech. I am keen on programming, physics, maths and mostly all other technical sciences. I have an analytical mindset, have an entrepreneurial 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, IOT and applied mathematics.

Experience

Acronis

Moscow, Russia

GOLANG INTERN IN RESEARCH AND DEVELOPMENT

Sep 2019 - Jul 2020

- 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

MIPT, Moscow, Russia

PYTHON DEVELOPER / PHYSICIST

Jul 2019 - Oct 2020

- Integrated a physical model of a ballistic rocket into the project.
- Developed 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 - 2022

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

2018 - 2020

INSTITUTE FOR INFORMATION TRANSMISSION PROBLEMS

2020 - 2022

Skoltech

Skolkovo, Russia

DEPARTMENT OF DATA SCIENCE

2020 - 2022

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