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19 April 2000



Moscow



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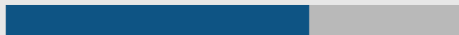
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About me

I am a first year student of the Moscow Institute of Physics and Technology. I like programming.

Skills

Machine Learning



Deep Learning



Python



C++



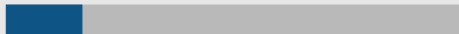
Linux



JavaScript



HTML & CSS



Computer Vision



Git



Physics



Mathematics



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Education

2018 - 2022 Moscow Institute of Physics and Technology
Department of Aeromechanics and Flight Engineering.

Moscow

Hackathons, competitions and activity

- 2019 ABBYY Hackathon "Absolute Intelligence" by Artificial Intelligence profile. Won the second prize.
- 2019 Olympiad "I am a professional" by Artificial Intelligence profile. I am waiting results.
- 2018 The Olympiad of the National Technology Initiative for the "Smart Home" profile is a prize winner.
- 2018 Olympiad of the National Technology Initiative for the Unmanned Aviation Systems profile is a winner.
- 2018 Educational intensive "Island 10-21". Profile Big Data and Artificial Intelligence.
- 2018 The regional stage of the All-Russian Olympiad of Schoolchildren in Physics in the 11th form is the winner.
- 2017, March Physical change in the Educational Center "Sirius".
- 2017, Feb Project change in the Educational Center "Sirius".
- 2017 The regional stage of the All-Russian Olympiad of Schoolchildren in Physics in the 10th form is the winner.
- 2016, March Physical change in the Educational Center "Sirius".
- 2016 The regional stage of the All-Russian Olympiad of Schoolchildren in Physics in the 9th form is the winner.

Courses

Coursera: Math and Python for data analysis by Yandex and MIPT.
Search for structure in data by Yandex and MIPT.
Learning on marked up data by Yandex and MIPT.

Stepic: Python programming.
Introduction to Programming (C++).
SSH tricks.
Algorithms: theory and practice. Methods.
C++ programming.
Git Basics.
Javascript for beginners.
Introduction in Robot Operating System.

Educational projects

Model car with autopilot.

This is an educational project to develop a model of a car with autopilot. It uses a Raspberry Pi microcomputer, an Arduino microcontroller, a camera, and other sensors. The model can drive along a road made of sheets of white paper. The model uses a convolutional neural network (CNN) to determine the direction of motion and the Robot Operating System (ROS). For the experiment was taken radio control toy car the Lamborghini Aventador with scale 1:10.

Code. Video.