



# Abdrzakov Linar



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Moscow



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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



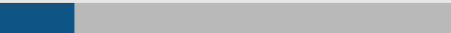
C++



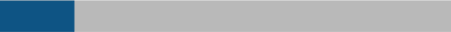
Linux



JavaScript



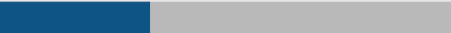
HTML & CSS



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 for the results.
- 2018 The Olympiad of the National Technology Initiative for the "Smart Home" profile. Prize winner.
- 2018 Olympiad of the National Technology Initiative for the Unmanned Aviation Systems profile. 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. 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. 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. 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 the 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). Radio control toy car Lamborghini Aventador with scale 1:10 was used for the experiment.*

Code. Video.