LINAR ABDRAZAKOV

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EDUCATION

Moscow Institute of Physics and Technology, Moscow *2018 - 2022*
Department of Radio Engineering and Cybernetics, Bachelor   GPA: 4.5 / 5

WORK EXPERIENCE

RCDB, C++/Python Developer, ML-Engineer   *July - August 2019*

- Written tulip-indicators library for quantitative analysis.
- Used different models of machine learning to predict movements of bars in financial market.

PROJECTS

Tinkoff-Auto.   *April 2019*
Educational project-oriented workshop from "Tinkoff Bank" in the President's School "Sirius".

- Our project was an application for motorists which contain in itself all necessary functions.
- We tested the need for this application.

Model car with autopilot.   *February 2019*
An educational project to develop a model of a car with autopilot.

- Uses a Raspberry Pi microcomputer, an Arduino microcontroller, a camera and some sensors.
- The model uses a convolutional neural network (CNN) and the Robot Operating System (ROS).
- In the result the model can drive along the road made of sheets of white paper.

Code. Video.

SKILLS

Programming Languages and Frameworks
C/C++ (proficient), Python (proficient), SQL (prior experience), Git, TensorFlow, Keras, PyTorch, Scikit-Learn, OpenCV, NumPy, SciPy, Matplotlib, Pandas, SSH, ROS, Linux.
Languages
Intermediate English, native Russian.

HACKATHONS, COMPETITIONS AND EVENTS

- ABBYY Hackathon "Absolute Intelligence" by Artificial Intelligence profile. Won the second prize.   *2019*
- The Olympiad of the National Technology Initiative for the "Smart Home" profile. Prize winner.   *2018*
- The 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*

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.

Stepik
Neural Networks and Computer Vision by Samsung Research Russia; 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.