



Maxim

14 February 1998
 Russia
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Skills

computer vision



machine learning



matlab



python



c++



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

Education

since 2016 Bachelor of Sciences in Physics and Mathematics
Moscow Institute of Physics and Technology
GPA: 4.74/5.00

Experience

2017 Ivannikov Institute for System Programming of the RAS
laboratory assistant
Work was associated with compilers and virtual machines, language - C ++

2018 Skolkovo Institute of Science and Technology
Summer internship
Bayesian optimization research, work with Gaussian processes, improvement of optimization accuracy

since march 2019 Visillect/Institute for Information Transmission Problems RAS
C++, Python developer
MARINA - License Plate Recognition Project

Publications

2018 Heteroscedastic Gaussian processes and their application to Bayesian optimization
Information technologies and systems (ITaS) 2018

2019 Algorithm for automatically determining the mask of areas of interest in searching for objects based on their motion paths
Information technologies and systems (ITaS) 2019

Skills

Programming: python, C++, matlab, C, Assembler

ML: sklearn, xgboost, lightgbm, catboost

CV: opencv, ffmpeg

Data workflow: numpy, pandas

Deep learning: pytorch, keras, tensorflow

Extra: Qt, bash, latex, git, svn, docker

Awards

2017 Scholarship of Abramov and Frolov fund for excellent educational results

Activities

Mail.ru group student laboratory of Computer Science:
teaching assistant for the first year students

Hackathons:

Phystech.Genesis - 2st place. Work with 3d graphics and control algorithms

Open Source:

Commit to catboost

MOOCs

Neural networks and computer vision

Algorithms: theory and practice. Methods

Extra courses

Intel research student laboratory (iLab):

C programming language, algorithms and data structures

C++ programming language