Nadezhda Kasimova

Personal Data

Place and date of birth: Dolgoprudniy, Russia | 2 December, 1997
Phone: +7-916-980-91-23
E-mail: kasimova.nn@phystech.edu, nadezhda_kasimova@mail.ru
Github: github.com/nkasimova

Education

July 2019 Bachelor in Computer Science, **Moscow Institute of Physics and Technology**
Major: Applied Math and Computer Science
Courses: Algorithms and Data Structures, Discrete Math, Linear Algebra, Probability
Theory, Mathematical Statistics, Stochastic Processes, Mathematical Analysis

Summer 2018 Math and Python for Data Analysis, **MIPT & Yandex, Coursera**
Basics of math and Python libraries needed for Data Analysis.

Summer 2018 Supervized Learning, **MIPT & Yandex, Coursera**
Most popular algorithms of Supervised Learning such as linear regression, decision
trees, gradient boosting and simple neural networks with their applications in different
classification and regression problems.

Summer 2018 Speech Technology Center ML School
Basics of emotion recognition from video data using deep learning, using opencv library.

Work experience

Sphere of education, 2016 – now:
Tutoring in olympiad mathematics and informatics, preparation for the passing of school exams.

Projects:

Audio sound classifier, github.com/nkasimova/Acoustic-Events-Classifier
Classification of acoustic events using librosa library for mel-frequency cepstral coefficients (mfcc)
extraction and neural network, Python.

Splash Geometry , github.com/nkasimova/SplashGeom
Library for solving various geometric problems: finding the intersection point of segments and
circles, constructing a convex hull (Jarvis algorithm), constructing a Voronoi diagram, C++.

Skills:

Programming Languages: Python, C++/C
Data Science: numpy, pandas, sklearn, experience in kaggle (in-class) competitions
Big data: classroom experience with hdfs, hive, map reduce (nkasimova/Multiprocessor-Computing-Systems)
General: knowledge of OS (Windows, Linux)
Languages: Russian – native speaker, English – upper-intermediate, Français – elementary