Nadezhda Kasimova

Personal Data

Place and date of birth: Mytishchi, Russia | 2 December, 1997
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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 STC ML School
    Basics of emotion recognition from video data using deep learning. First steps in pytorch.

Work experience

Sphere of education: 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, Librosa
General: Knowledge of OS (Windows, Linux)
Languages: Russian – native speaker, English – upper-intermediate, Français – elementary