

Sergey Chervontsev

FOURTH YEAR UNDERGRADUATE

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Education

MIPT (Moscow Institute of Physics and Technology)

Moscow, Russia

B.S. IN APPLIED MATHEMATICS AND PHYSICS, DEPARTMENT OF INNOVATION AND HIGH TECHNOLOGY

Sept. 2015 – Aug. 2019

- Mathematics: calculus, linear algebra, functional analysis, differential equations, complex analysis
- CS: algorithms and data structures, discrete math, optimization methods
- Other: stochastic processes, statistics, probability theory, machine & deep learning
- GPA: 4.5/5

Skills

Programming Python, C/C++, LaTeX

Python Libraries PyTorch, Keras, Tensorflow, Pandas, Peewee

Books & Courses Deep Learning Book, Stanford CS224n, CS231n

Relevant Background

Science Map

Moscow, Russia

DATA SCIENTIST

Febr. 2018 - present

- Company's mission: visualize large sets of articles to boost papers exploration
- Tasks: Prediction of semantic connections between papers, extraction of keywords and themes, maintaining and updating articles database

Scientific texts

April 2018

- A Beginner's Guide into Neural Speech Synthesis (<https://www.overleaf.com/project/5ad6fe1924a75932dee414a6>)

Paper proposals

- A hierarchical weak generative defence (see more in "additional information" field)
- Boosting energy models via sparsity and progressive growing (see more in "additional information" field)

Honors & Awards

2017

2nd Place, mABBYlity team hackathon, application to recognize harmful additives based on the photo of ingredients

Dolgoprudniy,
Russia