Sergey Chervontsev

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Education

Moscow Institute of Physics and Technology   **Moscow, Russia**
Bachelor of Applied Mathematics and Physics   *2015 - 2019*
Overall GPA: 7.2/10.0
Relevant courses: Information Theory, Calculus, Linear Algebra, Probability, Statistics, Random Processes,
Functional Analysis, Machine Learning, Graph Theory, Topology

Higher School of Economics   **Moscow, Russia**
Master of Applied Mathematics and Informatics, Data Science Programme   *2019 - present*
Current GPA: 8.6/10
Relevant courses: Advanced Statistical Learning, Neural Bayesian Methods for Machine Learning

Key Skills

- Programming Languages: Python (Pytorch, Tensorflow, Keras), R, C++
- Machine Learning (Statistical Learning), Deep Learning (Supervised and Semi-supervised, Generative modeling, Bayesian methods), Natural Language Processing & Computer Vision
- Other: TOEFL iBT 103/120, Algorithms and Data Structures, Bash, Git, Docker, Travis CI

Experience

Yandex   **Moscow, Russia**
Junior Researcher   *December 2018 - Present*
- Research topic: Accelerating and reducing mode collapse in GANs
- Research topic: GANs as priors for unsupervised learning (saliency segmentation, novel view synthesis)
- Research topic: Effective modeling of data/knowledge uncertainty in deep regression models

International College of Economics and Finance at HSE   **Moscow**
Teaching Assistant   *Sept. 2020 - Present*
- Teaching "Elements of Statistical Learning" in English

ScienceMap   **Stuttgart, Germany**
Data Scientist   *May 2018 - February 2019*

Publications

Sergey Chervontsev, Andrey Voynov, and Artem Babenko. Mean teachers are better gan trainers. *Under review at International Conference on Machine Learning*, 2021.

Andrey Malinin, Sergey Chervontsev, Ivan Provilkov, and Mark Gales. Overcoming limitations of regression ensembles with distribution distillation. *Under review at International Conference on Machine Learning*, 2021.

Andrey Malinin, Sergey Chervontsev, Ivan Provilkov, Bruno Mlodozeniec, and Mark Gales. Ensemble distribution distillation: Ensemble uncertainty via a single models. *Thirty-fourth Annual Conference on Neural Information Processing Systems, meetup on Bayesian Deep Learning*, 2020.