

Sergey Chervontsev

🌐 janrocketman.github.io

✉ chervontsev.ss@phystech.edu

🚀 JanRocketMan

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 publication* (see https://janrocketman.github.io/assets/Master_Thesis_Chervontsev.pdf), 2021.

Andrey Malinin, Sergey Chervontsev, Ivan Provilkov, and Mark Gales. Overcoming limitations of regression ensembles with distribution distillation. *Under review at Neural Information Processing Systems* (see <https://arxiv.org/abs/2006.11590>), 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.