

Nikita Morozov

greatdraken@gmail.com • github.com/GreatDrake • greatdrake.github.io • +7 (903) 515 09 31

Research Interests

Deep Learning, Probabilistic Modeling, Generative Modeling, 3D Computer Vision, Neural Rendering

Education

HSE University September 2022 – (expected) July 2024

Master's programme 'Math of Machine Learning', current GPA: 9.50/10

Moscow, Russia

HSE University

September 2018 – July 2022

Bachelor's programme 'Applied Mathematics and Information Science', GPA: 9.65/10

Moscow, Russia

Experience

HSE University, Centre of Deep Learning and Bayesian Methods

November 2021 – Present

Research Assistant

Moscow, Russia

- Topic: Generative Flow Networks (GFlowNet), supervisor: [Dmitry Vetrov](#)
- Topic: Neural Radiance Fields (NeRF) and Text-to-3D, supervisor: [Kirill Struminsky](#)

HSE University

September 2022 – Present

Teaching Fellow

Moscow, Russia

- Courses: Machine Learning, Introduction to Deep Learning
- Teaching, preparing homeworks and tests, holding examinations

AIRI

May 2023 – July 2023

Research Intern

Moscow, Russia

- Research with [Aibek Alanov](#) on applying GFlowNet techniques to diffusion models

HSE University

September 2019 – June 2022

Teaching Assistant

Moscow, Russia

- Courses: Machine Learning, Algebra, Algorithms and Data Structures
- Grading homeworks and tests, holding consultations for students

Yandex

July 2019 – November 2019

Software Engineer Intern

Moscow, Russia

- Refining C++ API of distributed computing platform [YTsauros](#)
- Optimization of internal data exchange format parsers and writers

Publications

[Generative Flow Networks as Entropy-Regularized RL](#)

Daniil Tiapkin*, **Nikita Morozov***, Alexey Naumov, Dmitry Vetrov

arXiv preprint 2023

[Weight Averaging Improves Knowledge Distillation under Domain Shift](#)

Valeriy Berezovskiy, **Nikita Morozov**

ICCV 2023 Workshop on Out-of-Distribution Generalization in Computer Vision

[Differentiable Rendering with Reparameterized Volume Sampling](#)

Nikita Morozov, Denis Rakitin, Oleg Desheulin, Dmitry Vetrov, Kirill Struminsky

ICLR 2023 Workshop on Neural Fields across Fields

Awards

Ilya Segalovich Scholarship

HSE University & Yandex scholarship for outstanding achievements in study and research

2021, 2023

ICPC Northern Eurasia Finals

Third degree diploma

2022

HSE Student Research Paper Competition

Awardee in computer science category

2022

Skills

Programming Languages: Python, C++, C

Deep Learning Frameworks: PyTorch, JAX

Other Programming: Git, Unix, Spark, CUDA (basic knowledge)

Languages

English: C1, **Russian:** Native, **French:** A1