

# Nikita Morozov

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

## Research Interests

---

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

## Education

---

<b>HSE University</b>	September 2022 – (expected) August 2024
<i>Master's programme 'Math of Machine Learning', current GPA: 9.50/10</i>	<i>Moscow, Russia</i>
<b>HSE University</b>	September 2018 – July 2022
<i>Bachelor's programme 'Applied Mathematics and Information Science', GPA: 9.65/10</i>	<i>Moscow, Russia</i>

## Experience

---

<b>HSE University, Centre of Deep Learning and Bayesian Methods</b>	November 2021 – Present
<i>Research Assistant</i>	<i>Moscow, Russia</i>
<ul style="list-style-type: none"><li>• Topic: Generative Flow Networks (GFlowNet), supervisor: <a href="#">Dmitry Vetrov</a></li><li>• Topic: Neural Radiance Fields (NeRF) and Text-to-3D, supervisor: <a href="#">Kirill Struminsky</a></li></ul>	
<b>HSE University</b>	September 2022 – Present
<i>Teaching Fellow</i>	<i>Moscow, Russia</i>
<ul style="list-style-type: none"><li>• Courses: Machine Learning, Introduction to Deep Learning</li></ul>	
<b>AIRI</b>	May 2023 – July 2023
<i>Research Intern</i>	<i>Moscow, Russia</i>
<ul style="list-style-type: none"><li>• Research with <a href="#">Aibek Alanov</a> on applying GFlowNet techniques to diffusion models</li></ul>	
<b>HSE University</b>	September 2019 – June 2022
<i>Teaching Assistant</i>	<i>Moscow, Russia</i>
<ul style="list-style-type: none"><li>• Courses: Machine Learning, Algebra, Algorithms and Data Structures</li></ul>	
<b>Yandex</b>	July 2019 – November 2019
<i>Software Engineer Intern</i>	<i>Moscow, Russia</i>
<ul style="list-style-type: none"><li>• Refining C++ API of distributed computing platform <a href="#">YTsaurus</a></li><li>• Optimization of internal data exchange format parsers and writers</li></ul>	

## 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

---

<b>International Collegiate Programming Contest (ICPC)</b>	
<i>21/276 place in Northern Eurasia Finals, advanced to World Finals</i>	<i>2023</i>
<b>Ilya Segalovich Scholarship</b>	
<i>HSE University &amp; Yandex scholarship for outstanding achievements in study and research</i>	<i>2021, 2023</i>
<b>HSE Student Research Paper Competition</b>	
<i>Awardee in computer science category</i>	<i>2022</i>

## 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