

Nikita Starodubcev



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GitHub: github.com/quickjkee

Relevant skills: Python, PyTorch, Docker, Git, Latex, Keras

Research interests: Fast generative models, image editing

SELECTED PUBLICATIONS

- **N. Starodubcev**, M. Khoroshikh, A. Babenko, and D. Baranchuk, “[Invertible Consistency Distillation for Text-Guided Image Editing in Around 7 Steps](#)”, *NeurIPS 2024*
The proposed approach was integrated into [YandexART](#) giving **4x speedup**
- **N. Starodubcev**, D. Baranchuk, A. Fedorov, and A. Babenko, “[Your Student is Better Than Expected: Adaptive Teacher-Student Collaboration for Text-Conditional Diffusion Models](#)”, *CVPR 2024*
- **N. Starodubcev**, D. Baranchuk, V. Khrulkov, and A. Babenko, “[Towards real-time text-driven image manipulation with unconditional diffusion models](#)”, *arXiv preprint, 2023*

EXPERIENCE

Yandex Research, *Deep Learning Researcher* Nov 2022 – now

Working on acceleration of Diffusion Models for applications

AIM Club ITMO, *Deep Learning Researcher* Dec 2021 – Jun 2023

Creation and development of the open-source framework [GEFEST](#)

EDUCATION

HSE University, PhD student, Computer Science Nov 2023 – now

Supervisor: [Artem Babenko](#)

ITMO University, M.S. in Computer Science Sep 2021 – Jul 2023

Supervisor: [Nikolay Nikitin](#), GPA: 5.0/5.0

Saint Petersburg State University, B.S. in Computational Physics Sep 2017 – Jul 2021

Supervisor: [Evgeny Yarevsky](#), GPA: 4.8/5.0