

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 , <i>Deep Learning Researcher</i>
Working on acceleration of Diffusion Models for applications | Nov 2022 – now |
| AIM Club ITMO , <i>Deep Learning Researcher</i>
Creation and development of the open-source framework GEFEST | Dec 2021 – Jun 2023 |

EDUCATION

- | | |
|---|---------------------|
| HSE University , PhD student, Computer Science
Supervisor: Artem Babenko | Nov 2023 – now |
| ITMO University , M.S. in Computer Science
Supervisor: Nikolay Nikitin , GPA: 5.0/5.0 | Sep 2021 – Jul 2023 |
| Saint Petersburg State University , B.S. in Computational Physics
Supervisor: Evgeny Yarevsky , GPA: 4.8/5.0 | Sep 2017 – Jul 2021 |