Nikita Starodubcev

Personal page: quickjkee.github.io/personal-page
Email: nstarodubtsev@hse.ru
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	