Stepan Shabalin

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Competitions

NATIONAL TECHNOLOGY OLYMPIAD, AI – NOV 2020 - MAR 2021 - 1ST PLACE
AIJ JUNIOR – FEB 2021 - OCT 2021 - 1ST PLACE, CREATIVE AI
BR41N.IO HACK – MAY 2022 - 1ST PLACE, ECOG RECOGNITION
AICROWD HTREC – JUN 2022 - 1ST PLACE

Projects

GOLDEN TRANSFORMER – NOV 2020 - OCT 2021

Created the solution that currently holds 1st place on the Russian version of the SuperGLUE natural language understanding benchmark. It is a massive ensemble with 50+ models.

MASKED VQGAN+CLIP – MAY 2021

Implemented image masking for VQGAN+CLIP, an early text-to-image generation method. The code was used in the official publication.

OPTIMIZED RUDALL-E – NOV 2021

Optimized the ruDALL-E image generator, speeding up the website 10x for 200 milliogenerations.

TEXT2VOXELS – DEC 2021

Created the first publicly available software for generating 3D shapes from text using CLIP.

Experience

INTERN, SBERBANK – AUGUST 2021
ORGANIZER, MIT REALITY HACK – 2021-2022
AI AMBASSADOR, SBER AI – 2022-PRESENT
INTERN, STABILITY DEEPFLOYD – AUGUST 2022-PRESENT

Education

School #6, St. Petersburg – 2019-2021

School #4 of Cousteau, St. Petersburg – 2021-2023