

Siting Li

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Education

Tsinghua University

Sep. 2019 – Present

B.Eng in Computer Science (Yao Class, [website here](#))

IIIS, Tsinghua University

- Freshman and Sophomore GPA: 3.73
- Courses: Mathematics for Computer Science, Algorithm Design, Theory of Computation and so on.

Research experiences

Adversarial Robustness in Multimodal Learning (In Progress)

Jul. 2021 – Present

Mentor: Professor Hang Zhao (Tsinghua University)

- Plan to discover how multimodality helps in adversarial detection or how multimodality is better than unimodality in terms of adversarial detection.

Difference-in-Differences: Bridging Normalization and Disentanglement in PG-GAN

Jul. 2020 – Present

Mentor: Professor Yang Yu (Tsinghua University)

- Proposed a DID counterfactual framework to clarify the mechanisms how pixel normalization causes PG-GAN entanglement. Summary of findings available [here](#).

Selected projects

Real Image Editing on User-Specified Semantics by GAN Inversion model

Feb. 2021 – Jul. 2021

2021 Spring Computer Vision course project

- Implemented a compact application to find user-defined semantic directions in GAN's latent space and do real image editing, taking advantage of pre-trained GANs and corresponding inversion models. See our codes [here](#) and final report available [here](#).

Honors and scholarships

Selected in the [Spark](#) Innovative Talent Cultivation Program, Tsinghua University 2021

Sports Excellence Scholarship, Tsinghua University 2021

Xuetang Scholarship, Tsinghua University 2020

Gold Medal in National Olympiad in Informatics (Invitational) 2018

First Prize in National Olympiad in Informatics in Provinces 2016,2017

Service and outreach

Member of Beijing Volunteer Service Federation

Sept. 2019 – Present

- [53.5 hours of recorded volunteer experience](#)

Member of Tsinghua University Student Association For Brain Science

Sept. 2019 – Present

Skills

Languages : Python, C/C++, Matlab, LaTeX, SQL, Verilog

Framework : Pytorch

Languages : Chinese, English