

Minho Park

Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea
☎ +821099689143 • ✉ m.park@kaist.ac.kr • 🌐 pmh9960.github.io

Research Interest

I have a strong interest in the domain of generating synthetic data via generative models. Currently, my research is centered on improving the vision-language models by utilizing large-scale pre-trained models in the data-scarce settings.

Keywords.....

- Synthetic data generation with generative models
- Generative Models, especially diffusion models
- Data-scarce settings

Education

Korea Advanced Institute of Science and Technology (KAIST)

Integrated Ph. D. in Artificial Intelligence, GPA: 4.00/4.3

- Advisor: Jaegul Choo

Daejeon, Republic of Korea

Sep. 2021 - Present

Korea University

B.S. in Electrical Engineering, GPA: 4.11/4.5

Seoul, Republic of Korea

Mar. 2018 - Aug. 2021

Gyeonggi Science High School for the Gifted

Suwon, Republic of Korea

Mar. 2015 - Feb. 2018

Publications

Under review.....

[U2]: **Minho Park**, Sunghyun Park, Jooyeol Yun, and Jaegul Choo. "Unlocking the Potential of Generated Datasets in Name-only Transfer of Vision-Language Models"

[U1]: Jeongho Kim, Gyojung Gu, **Minho Park**, Sunghyun Park, and Jaegul Choo "StableVITON: Learning Semantic Correspondence with Latent Diffusion Model for Virtual Try-On"

Conference Paper.....

[C2]: **Minho Park***, Jooyeol Yun*, Seunghwan Choi, and Jaegul Choo. "Learning to Generate Semantic Layouts for Higher Text-Image Correspondence in Text-to-Image Synthesis." *IEEE/CVF International Conference on Computer Vision (ICCV), 2023, Paris, France.* [Paper] [Code] [Project Page]

[C1]: Jooyeol Yun*, Sanghyeon Lee*, **Minho Park***, and Jaegul Choo. "iColoriT: Towards Propagating Local Hint to the Right Region in Interactive Colorization by Leveraging Vision Transformer." *IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2023, Waikoloa, Hawaii.* [Paper] [Code] [Project Page]

Talks

SKT Market Top AI: Segment Anything [Slides]

SKT Market Top AI: Classification with Foundation Models [Slides]

DAVIAN Seminar: Consistency Models and BOOT [Slides]

DAVIAN Seminar: DDPM [Slides]