

GE YUAN

✉ gavinyuan97@gmail.com · ☎ (+86) 18827096230 · 🏠 ygtxr1997.github.io

🎓 EDUCATION

Sun Yat-sen University (SYSU), Guangzhou, China *Sep. 2020 – Jun. 2023*

Master in Computer Science and Technology (CS), supervised by Huicheng Zheng

Huazhong University of Science and Technology (HUST), Wuhan, China *Sep. 2014 – Jun. 2018*

B.S. in Information Security (CS)

👥 EXPERIENCE

Tencent AI Lab Shenzhen, China

Mar. 2022 – Jun. 2023

Research Intern Supervised by Maomao Li, Xiaodong Cun, Yong Zhang, Xintao Wang, Ying Shan

Projects: Personalization for Diffusion Models, Face Swapping

✍ PUBLICATIONS

Inserting Anybody in Diffusion Models via Celeb Basis

Ge Yuan, Xiaodong Cun, Yong Zhang, Maomao Li, Chenyang Qi, Xintao Wang, Ying Shan, Huicheng Zheng
ArXiv, 2023

TLDR: Intergrating a unique individual into the pre-trained diffusion model with: one face, 1024 parameters, in 3 minutes. (HomePage: celeb-basis.github.io/)

ReliableSwap: Boosting General Face Swapping Via Reliable Supervision

Ge Yuan*, Maomao Li*, Yong Zhang, Huicheng Zheng

ArXiv, 2023

TLDR: A general face swapping framework that solves non-supervision issue, where fake images as input and real ones as supervisions. (HomePage: reliable-swap.github.io)

MSML: Enhancing Occlusion-Robustness by Multi-Scale Segmentation-Based Mask Learning for Face Recognition

Ge Yuan, Huicheng Zheng, Jiayu Dong

AAAI (Oral), 2022

TLDR: Identify and remove the occlusions from feature representations at multiple levels and aggregate features from visible facial areas. (GitHub: github.com/ygtxr1997/MSML)

⚙ SKILLS

- Programming Languages: Python, C/C++, Java

🏆 HONORS AND AWARDS

SAMSUNG Scholarship

2022

Postgraduate Scholarship, 1st Prize

2022 – 2023

📖 TEACHING ASSISTANT

- DCS203 Probability and Statistics