

# 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/](http://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](http://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](https://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