

# GE YUAN

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☎ (+86) 18827096230 · 🎂 *Aug. 1997* · 🧑 **Gender Male**

## 🎓 EDUCATION

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

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

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

*B.S. in Information Security (CS)*

## 👤 EXPERIENCE

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**XVERSE** Shenzhen, China *Jul. 2023 – Present*

*Research Engineer (Computer Graphics and Vision) Virtual Try-On*

**Tencent AI Lab** Shenzhen, China *Mar. 2022 – Jun. 2023*

*Research Intern (Computer Vision) Face Swapping, Diffusion Models Personalizing*

## ✍ PUBLICATIONS

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\* indicates equal contribution

### **Inserting Anybody in Diffusion Models via Celeb Basis**

**Ge Yuan**, Xiaodong Cun, Yong Zhang, Maomao Li, Chenyang Qi, Xintao Wang, Ying Shan, Huicheng Zheng  
NIPS (Poster), 2023

TLDR: Identity personalization for diffusion models.

**Project page:** <https://celeb-basis.github.io/>.

### **E4S: Fine-Grained Face Swapping via Regional GAN Inversion**

Maomao Li\*, **Ge Yuan**\*, Cairong Wang, Zhian Liu, Yong Zhang, Yongwei Nie, Jue Wang, Dong Xu  
Preprint, 2023

TLDR: A Face Swapping and Editing Framework Based on StyleGAN Latent Space.

**Project page:** <https://e4s2023.github.io/>.

### **ReliableSwap: Boosting General Face Swapping via Reliable Supervision**

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

Preprint, 2023

TLDR: Face swapping using synthetic images as training inputs.

**Project page:** <https://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: Face recognition with hierarchical de-occlusion.

**Code:** <https://github.com/ygtxr1997/MSML/>.

## ⚙ SKILLS

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- Languages: Chinese (Native), English (Fluent, CET-6)
- Programming Languages: Python (Skilled), C/C++ (Skilled), Latex (Skilled), Java (Familiar)

## HONORS AND AWARDS

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**SAMSUNG Scholarship** 2022  
**Postgraduate Scholarship, 1st Prize** 2022 – 2023

## TEACHING ASSISTANT

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*DCS203: Probability and Statistics (Sun Yat-sen University, undergraduate courses)* Sep. 2021 – Jan. 2022