

Guian Fang

DEEP LEARNING · COMPUTER VISION

No. 66, Gongchang Road, Guangming District, Shenzhen, 518107, P. R. China

☎ (+86) 181-2266-6411 | ✉ fanggan@mail2.sysu.edu.cn | 🏠 enderfga.cn | 📷 enderfga | 🌐 enderfga

“Think Twice, Code Once.”

Education

SYSU(Sun Yat-sen University)

Shenzhen, China

B.E. IN INTELLIGENT SCIENCE AND TECHNOLOGY

Sept. 2020 - Jul. 2024

- Led as **Student Council and Intelligent Technology Association President**, organized multiple algorithm programming competitions.
- GPA: **3.7/4.0**, achieved outstanding academic performance, ranking **1st** in the last two semesters respectively. Also secured top positions in multiple key courses.
- Supervisor: **Xiaodan Liang** (HCP-I2 Lab SYSU)

Skills

Frameworks	PyTorch, TensorFlow, Keras, scikit-learn, Mindspore, PaddlePaddle
Programming Languages	Python, C/C++, Matlab, LaTeX, HTML
DevTool	Git (version control system), Linux (operating system), Docker (containerization tool), Spack (package management tool), Slurm (cluster management and job scheduling system)

Experience

National Undergraduate Innovation and Entrepreneurship Training Program.

Sun Yat-sen University

PRINCIPAL INVESTIGATOR

Jun. 2021 - Mar. 2023

- Online Evidence Enhanced and Fine-Grained Fake News Detection in Long Text During the COVID-19 Pandemic.(**under submission**)
- Alzheimer's disease diagnosis based on multimodal data including images, voiceprints, poses and biomarkers.(**work in progress**)

2D-3D AIGC+RLHF.

HUAWEI | NOAH'S ARK LAB

PRIMARY AUTHOR

Mar. 2023 - Jul. 2023

- Boosting Text-to-Image Diffusion Models with Fine-Grained Semantic Rewards.(**under review**)

Fine-tuning large language models & Controllable image generation.

Shanghai AI Laboratory

MAIN PARTICIPANT

Jul. 2023 - Current

- LLaMA-Adapter, LLaMA2-Accessory

Honors & Awards

INTERNATIONAL

2022 **2nd Place**, Asia and Pacific Mathematical Contest in Modeling

Beijing, China

DOMESTIC

2022 **Silver Medal**, China Collegiate Algorithm Design & Programming Challenge Contest

Shanghai, China

2022 **2nd Place**, The 2022 Social Computing Innovation Competition

Hangzhou, China

2023 **1st Place**, 4th National College Computer Ability Challenge

Shenzhen, China

Publication

- Guian Fang**, Zutao Jiang, Jianhua Han, Guansong Lu, Hang Xu, & Xiaodan Liang. (2023). Boosting Text-to-Image Diffusion Models with Fine-Grained Semantic Rewards. (**NIPS**)
- Ziyang Ma, Mengsha Liu, **Guian Fang**, & Ying Shen. (2023). LTCR: Long-Text Chinese Rumor Detection Dataset. (**NCAA**)
- Baiqiao Yin, Jiaqing Yuan, Weichen Lv, Jiehui Huang, & **Guian Fang**. (2023). Wise in Vaccine Allocation. (**IEEE UV**)