

# Guian Fang

DEEP LEARNING · COMPUTER VISION

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“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 **6th and 1st** in the last two semesters respectively. Also secured top positions in multiple key courses.
- Supervisor: **Xiaodan Liang** (HCP-I2 Lab SYSU)

## Skills

<b>Frameworks</b>	PyTorch, TensorFlow, Keras, scikit-learn, Mindspore, PaddlePaddle
<b>Programming</b>	Python, C/C++, Matlab, LaTeX, HTML
<b>Languages</b>	Chinese, English
<b>DevTool</b>	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 - Current

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

### Collaborative project on multimodal image generation research.

Samsung Telecom R&D Center

MAIN PARTICIPANT

Mar. 2023 - Current

- MultiModal 3D Shape Generation Algorithm.(**work in progress**)

## Honors & Awards

### INTERNATIONAL

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

Beijing, China

### DOMESTIC

2021 **1st Place**, "Smart Campus" Hackathon competition

Guangzhou, China

2021 **3rd Place**, National College Students Mathematical Modeling Competition (Huashu Cup)

Tianjin, China

2022 **Silver Prize**, Intelligent Algorithm Competition of the Game Cup

Shenzhen, China

2022 **3rd Place**, 3rd National College Computer Ability Challenge

Shenzhen, China

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

### SCHOLARSHIP

2021 **Recipient**, Ethic Award scholarship

Shenzhen, China

2022 **Recipient**, Huawei Intelligent Foundation Scholarship

Shenzhen, China

2022 **Recipient**, National Encouragement scholarship

Shenzhen, China

2022 **1st Place**, Outstanding Student Scholarship

Shenzhen, China