

# GUANYU JIANG

Phone: (+86) 150-132-30805 ◊ Email: [django040805@zju.edu.cn](mailto:django040805@zju.edu.cn)

Homepage: [djangojungle.github.io](https://github.com/DjangoJungle)

Github: <https://github.com/DjangoJungle>

## EDUCATION

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**Zhejiang University (ZJU), College of Computer Science and Technology (CST)**, Hangzhou

Bachelor's degree in progress

Sep 2022 – Jun 2026 (*Expected*)

GPA: 3.72/4.0

**The Affiliated High School of SCNU**, Guangzhou

High School Diploma

Sep 2019 – Jun 2022

Outstanding Graduate

## RESEARCH INTERESTS

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My research focuses on trustworthy machine reasoning with Large Language Models (LLM) and multimodal Large Language Models (MLLM). My work aims to advance these areas:

- Post-training for AI alignment.
- Tool-augmented reasoning for foundation model.
- Multimodal information representation (text, tables, images, etc.) for general AI system.

## PUBLICATIONS

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**Med-Evolve: A Self-Evolving Framework for Retrieval-Augmented Medical Reasoning**

Guanyu Jiang, Zhibin Zhang

*Under Review at AAAI 2026*

**TableCopilot: A Table Assistant Empowered by Natural Language Conditional Table Discovery**

Lingxi Cui, Guanyu Jiang, Huan Li, Ke Chen, Lidan Shou, Gang Chen

*Accepted by VLDB 2025*

## RESEARCH EXPERIENCE

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**Ren.AI Lab @ Hong Kong University of Science and Technology (HKUST-Ren.AI)**

May 2025 – Present

*Research intern, advised by Prof. Yi R. (May) Fung*

- Currently working on improving efficient adaptive reasoning ability of MLLM, under the paradigm of “Thinking with Images”.

**Trustworthy Machine Learning and Reasoning Group @ Hong Kong Baptist University (HKBU-TMLR)**

Nov 2024 – Present

*Research intern, advised by Dr. Zhanke Zhou, Dr. Xiao Feng, and Prof. Bo Han*

- Currently working on reward modeling and building RL-based optimization algorithm (system) for LLM tool-augmented reasoning.

**Sustainable Data Intelligence and Data Systems Research Group @ Zhejiang University (ZJU-SuDIS)**

May 2024 – Mar 2025

*Research intern, advised by Prof. Huan Li, Dr. Lingxi Cui*

- Proposed a novel task formulation and developed a state-of-the-art LLM-based algorithm for table discovery.

- This research led to a publication accepted by **VLDB 2025**.

## INDUSTRY & PROJECT EXPERIENCE

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- Structure-Guided Image Generation (Tencent HunyuanDiT)** Jul 2024 – Oct 2024  
*Project intern, advised by Researcher Zhimin Li, and Researcher Xinlu Lai*
- Enhanced the architecture for structure-guided image generation by introducing a VLM with Control-Net training solution, receiving the **Tencent Outstanding Student Award** for contributions.
- Cloud-on-Cloud Community (National University of Singapore)** Jun 2024 – Jul 2024  
*Visiting student, Advised by Prof. Richard T.B. Ma*
- Developed a meteorological platform on Kubernetes with real-time big data streaming on time series model system, earning **Rank 2** in the workshop.

## HONORS & AWARDS

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Tencent Outstanding Student from "Xiniu Niao" Scholarship, Tencent	<i>Oct 2024</i>
Second Place, Cloud Computing & Big Data Track, NUS SoC Workshop	<i>Jul 2024</i>
Silver Award, Zhejiang "Internet+" Innovation and Entrepreneurship Competition	<i>Sep 2023</i>
Excellent Student in Innovation and Entrepreneurship, Zhejiang University	<i>Jun 2023</i>
Excellent Student in External Communication, Zhejiang University	<i>Jun 2023</i>

## LANGUAGES

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<b>English</b>	Fluent (IELTS 7.0)
<b>Cantonese</b>	Conversational
<b>Mandarin</b>	Native

## SKILLS

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<b>Programming Languages</b>	Python, C/C++, Java, JavaScript
<b>Frameworks &amp; Libraries</b>	SGLang, vLLM, veRL, PyTorch
<b>Developer Tools</b>	Git, Shell, Linux Utilities, Kubernetes, LaTeX

## LEADERSHIP & SERVICE

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Deputy Secretary, Youth League Committee of Yunfeng, ZJU  
Member, "Qizhen Wenxue" Talent Researcher Program, ZJU  
Volunteer, 19th Asian Games in Hangzhou