

# Sihan Yang

University of Electronic Science and Technology of China, Chengdu, China, 611731  
Email: sihany077@gmail.com

## EDUCATION

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- **University of Electronic Science and Technology of China** Chengdu, China  
Sep. 2022 - Present
    - *Bachelor of Software Engineering*
    - GPA: 3.99/4.0; Weighted Average: 94.2/100; Ranking: 1/89, 1/718

## RESEARCH EXPERIENCE

- 
- **OpenRobot Lab, Shanghai AI Lab** Onsite  
Nov. 2024 - Aug. 2025
    - *Research Intern advised by Tai Wang*
  - **Department of Computer Science and Data Science, UNC** Remote  
Apr. 2024 - Nov. 2024
    - *Research Intern advised by Prof. Huaxiu Yao*

## RESEARCH INTERESTS

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- Foundation Model Architectures
  - Data Selection for Large Language Models
  - Efficient Inference for Large Language Models

## PUBLICATIONS AND PROJECTS

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- (\* Equal contribution; † Corresponding author; ‡ Project leader)
- [1] **VflowOpt: A Token Pruning Framework for LMMs with Visual Information Flow-Guided Optimization**  
ICCV 2025  
Sihan Yang, Runsen Xu, Chenhang Cui, Tai Wang, Dahu Lin, Jiangmiao Pang
  - [2] **Improving Alignment in LVLMs with Debiased Self-Judgment**  
EMNLP 2025 (Findings)  
Sihan Yang\*, Chenhang Cui\*, Zihao Zhao, Yiyang Zhou, Weilong Yan, Ying Wei, Huaxiu Yao
  - [3] **MMSI-Bench: A Benchmark for Multi-Image Spatial Intelligence**  
Submitted to ICLR 2026  
Sihan Yang\*, Runsen Xu\*‡, Yiman Xie, Sizhe Yang, Mo Li, Jingli Lin, Chenming Zhu, Xiaochen Chen, Haodong Duan, Xiangyu Yue, Dahu Lin, Tai Wang†, Jiangmiao Pang†
  - [4] **Calibrated Self-Rewarding Vision Language Models**  
NeurIPS 2024  
Yiyang Zhou\*, Zhiyuan Fan\*, Dongjie Cheng\*, Sihan Yang, Zhaorun Chen, Chenhang Cui, Xiyao Wang, Yun Li, Linjun Zhang, Huaxiu Yao

## HONORS AND AWARDS

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- SenseTime Scholarship 2025 (awarded annually to 30 undergraduates in the field of AI from across China)
  - National Scholarship for 2022/2023 Academic Year
  - National Scholarship for 2023/2024 Academic Year
  - National Scholarship for 2024/2025 Academic Year

## SKILLS SUMMARY

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- **Languages:** Chinese (Native), English (CET-6: 584, IELTS: 7.0)
  - **Programming languages:** Python, C, C++, Java
  - **Technical Skills:** Git, L<sup>A</sup>T<sub>E</sub>X