

# CURRICULUM VITAE

## Jiaming Chen

PhDing at The University of Manchester

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## Education

### Ph.D. in Computer Science

*Department of Computer Science, The University of Manchester*

Sep. 2024 – Present  
Manchester, UK

Advisor: Dr. Wei Pan

### M.Sc. in Control Science and Engineering

*School of Control Science and Engineering, Shandong University*

Sep. 2021 – Jul. 2024  
Jinan, China

Advisor: Prof. Wei Zhang

### B.Eng. in Automation

*School of Control Science and Engineering, Shandong University*

Sep. 2017 – Jul. 2021  
Jinan, China

## Publications

- [1] **Jiaming Chen\***, Yiyu Jiang\*, Aoshen Huang, Yang Li, Wei Pan, “VLM-SFD: VLM-Assisted Siamese Flow Diffusion Framework for Dual-Arm Cooperative Manipulation,” *IEEE Robotics and Automation Letters (RA-L)*, 2025. [[paper](#)][[project page](#)]
- [2] **Jiaming Chen**, Wentao Zhao, Ziyu Meng, Donghui Mao, Ran Song, Wei Pan, Wei Zhang, “Vision-Language Model Predictive Control for Manipulation Planning and Trajectory Generation,” *arXiv*, 2025. [[paper](#)][[code](#)]
- [3] Wentao Zhao\*, **Jiaming Chen\***, Ziyu Meng, Donghui Mao, Ran Song, Wei Zhang, “VLMPC: Vision-Language Model Predictive Control for Robotic Manipulation,” *Robotics: Science and Systems (RSS)*, 2024. [[paper](#)][[code](#)]
- [4] **Jiaming Chen\***, Weixin Luo\*, Ran Song, Xiaolin Wei, Lin Ma, Wei Zhang, “Learning Point-Language Hierarchical Alignment for 3D Visual Grounding,” *The 1st place at the ScanRefer Challenge on the ECCV 2022 Workshop - Language for 3D Scenes*. [[arXiv](#)][[code](#)]
- [5] Hao Zhang\*, **Jiaming Chen\***, Jiyu Cheng, Yibin Li, Simon X. Yang, Wei Zhang, “Nowhere to Go: Benchmarking Multi-robot Collaboration in Target Trapping Environment,” *IEEE Transactions on Industrial Electronics (T-IE)*, 2023. [[paper](#)][[code](#)]
- [6] Dewei Wang, **Jiaming Chen**, and Jiyu Cheng, “A Survey of Object Goal Navigation: Datasets, Metrics, and Methods,” *IEEE International Conference on Mechatronics and Automation (ICMA)*, 2023. [[paper](#)]
- [7] **Jiaming Chen\***, Weixin Luo\*, Wei Zhang, Lin Ma, “Explore inter-contrast between videos via composition for weakly supervised temporal sentence grounding,” *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)*, 2022. [[paper](#)]

\* These authors contributed equally to the work.

## Internship Experience

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**Algorithm Research Internship**  
*TranscEngram*

Jun. 2024 – Sep. 2024  
*Shanghai, China*

Mentor: Prof. Shenghua Gao

**Algorithm Research Internship**  
*Vision Intelligence Center, Meituan*

Apr. 2021 – Jan. 2023  
*Beijing, China*

Mentor: Dr. Weixin Luo, Dr. Lin Ma

## Review Services

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**Reviewer:** ICRA 2026, HRI 2026, ICRA 2025, ICRA 2024, AAAI 2024, ICRA 2023, CAC 2023, AAAI 2023, Pattern Recognition Letters, Information Fusion

## Contests

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- Champion of the ECCV 2022 ScanRefer Challenge Oct. 2022
- Second Prize, National Post-Graduate Mathematical Contest in Modeling, China Dec. 2021
- Champion of International Challenge on Intelligent Perception of Ocean Targets Dec. 2020
- 4th place of 2nd ABC International Conference Cooking Activity Recognition Challenge Jun. 2020

## Honors

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- UoM-CSC Joint Scholarships 2024
- Huawei Scholarship Oct. 2022
- Outstanding Graduate Student of Shandong University Jun. 2022
- Special Freshman Scholarship, Shandong University Sep. 2021
- Undergraduate Academic Scholarship, Shandong University 2017 – 2019