Runjian Chen (陈润健)

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⌘ Webpage (in progress)   ⓖ Google Scholar

🎓 Education

Zhejiang University   Sept. 2016 – Jul. 2020

B.Eng. in Automation (Robotics Track) at College of Control Science and Engineering

- GPA: 3.94/4.00 (90.44/100); Major GPA: 3.95/4.00 (91.23/100); Ranking: ***2/141 (Top 2%)***
- Honors Program: Mixed Class in Chu Kochen Honor College (***Top 5%*** students at ZJU)
- Honors Minor Program: The Advanced Honor Class of Engineering Education Program (***Top 0.7%*** among all the engineering students)

The University of Hong Kong   Sept. 2021 – Jul. 2025 (expected)

Doctor of Philosophy in Computer Science
Supervised by Prof. Ping Luo and Prof. Wenping Wang

♡ Honors and Awards

Scholarship

- HKU Presidential PhD Scholarship   2020
- SUPCON Scholarship for Academic Excellence in Automation (***Top 1%***)   2019
- Second-class Scholarship for Academic Excellence (Top 8%)   2019
- Hailiang Scholarship for Academic Excellence in Mixed Honor Class (***Top 2%***)   2018
- First-class Scholarship for Academic Excellence (***Top 3%***)   2017 & 2018

Academic Competitions Awards

- Meritorious Winner in Mathematical Contest in Modeling (Top 7% in 25,370 teams)   2019
- Honorable Winner in Mathematical Contest in Modeling (Top 36% in 20638 teams)   2018

👥 Publications & Under Review

1. **R. Chen**, L. Tang, X. Ding, Y. Wang and R. Xiong. *From Virtuality To Reality: A Learning-based Point Cloud Labeling Method With Synthesis Scene.* The IEEE International Conference on Robotics and Biomimetics (ROBIO 2019). Oral.

2. **R. Chen**, H. Yin, Y. Jiao, G. Dissanayake, Y. Wang and R. Xiong. *A Samplable Multimodal Observation Model for Global Localization and Kidnapping.* The IEEE Robotics and Automation Letters & The International Conference on Robotics and Automation (ICRA) 2021.

3. H. Yin, **R. Chen**, Y. Wang, R. Xiong. *RaLL: End-to-end Radar Localization on Lidar Map Using Differentiable Measurement Model.* IEEE Transactions on Intelligent Transportation Systems (IF=6.3)

4. H. Xu[*], Z. Duan[*], Y. Wang[*], J. Feng, **R. Chen**, Q. Zhang, Z. Xu. *Graph Partitioning and Graph Neural Network based Hierarchical Graph Matching for Graph Similarity Computation.* Neurocomputing (IF=4.4) ([*] indicates equal contribution)

5. H. Xu[*], **R. Chen**[*], Y. Bai[*], J. Feng, Z. Duan, K. Luo, Y. Sun and W. Wang. *Hierarchical Large-scale Graph Similarity Computation via Graph Coarsening and Matching.* **Submitted** to ACM SIGKDD Conference on Knowledge Discovery and Data Mining. ([*] indicates equal contribution)