



# 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)

### Carneige Melon University

Sept. 2020 – Jul. 2022 (expected)

*Maser of Science in Robotics (Research Driven)* *Quit due to the COVID-19*

### The University of Hong Kong

Sept. 2021 – Jul. 2025 (expected)

*Doctor of Philosophy in Computer Science*

## HONORS AND AWARDS

### Scholarship

- 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)