



# RUNJIAN CHEN (陈润健)

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Homepage

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

### The University of Hong Kong

Sept. 2021 – Jul. 2025 (expected)

*Doctor of Philosophy in Computer Science*

*Supervised by Prof. Ping Luo*

## HONORS AND AWARDS

### Scholarship

- Y S and Christabel Lung Postgraduate Scholarship 2021
- Hong Kong PhD Fellowship 2021
- HKU Presidential PhD Scholarship 2021
- 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

## SELECTED PUBLICATIONS

1. **R. Chen**, Y. Mu, R. Xu, W. Shao, C. Jiang, H. Xu, Z. Li and P. Luo. *CO3: Cooperative Unsupervised 3D Representation Learning for Autonomous Driving*. International Conference on Learning Representation, 2023.
2. Y. Mu, S. Chen, M. Ding, J. Chen, **R. Chen** and P. Luo. *CtrlFormer: Learning Transferable State Representation for Visual Control via Transformer* International Conference on Machine Learning. PMLR, 2022.
3. S. Chen, E. Xie, C. Ge, **R. Chen**, L. Ding and P. Luo. *CycleMLP: A MLP-like Architecture for Dense Prediction*. International Conference on Learning Representations, 2021. (Extended version to be appeared on T-PAMI)
4. **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.
5. 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)