

# Yiran Li

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## Education

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**Department of Computing, The Hong Kong Polytechnic University**

Oct. 2020 – Present

*Ph.D. candidate in computer science*

*Kowloon, Hong Kong, China*

**Software Institute, Nanjing University**

Sept. 2015 – June 2019

*B.Eng. in software engineering*

*Nanjing, Jiangsu, China*

## Research Experience

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**Research assistant, PhD student**

Oct. 2020 – Present

*Department of Computing, The Hong Kong Polytechnic University*

*Kowloon, Hong Kong, China*

- Supervisor: Dr. Jieming Shi (jieming.shi@polyu.edu.hk)
- Co-supervisor: Prof. Qing Li (qing-prof.li@polyu.edu.hk)
- Research area: algorithms for graph data analytics and graph learning

**Research intern**

May 2018 – June 2019

*MAGUS Lab, Software Institute, Nanjing University*

*Nanjing, Jiangsu, China*

- Thesis advisor: Prof. Tongwei Ren (rentw@nju.edu.cn)
- Research area: object detection and image segmentation algorithms

## Work Experience

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**Intern engineer**

Oct. 2019 – June 2020

*Y-Tech, Kuaishou Technology*

*Beijing, China*

- Research and development of object detection and video generation algorithms

## Publication

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Yiran Li, Renchi Yang, and Jieming Shi. "Efficient and Effective Attributed Hypergraph Clustering via K-Nearest Neighbor Augmentation." *Proceedings of the ACM on Management of Data* 1.2 (SIGMOD 2023): 1-23.

Yiran Li, Gongyao Guo, and Jieming Shi. "Spectral-guided Multi-view Graph Fusion." *Arxiv preprint* (2023).

## Miscellaneous

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**Programming Languages:** Python, Java, C/C++

**Other passions:** music, travelling, chemistry