

Peizhen Li

Contact

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Education

- **Ph.D. Candidate in Computer Science**
School of Computing, Macquarie University
Principal Supervisor: Distinguished Chair in AI, [Longbing Cao](#)
Associate Supervisor: Professor [Mark Dras](#)
- **M.Eng. in Computer Science**
School of Computer Science and Engineering, Sun Yat-sen University
Supervisor: Prof. [Chang-Dong Wang](#)
GPA: 4.0/5.0
- **B.Eng. in Software Engineering**
School of Computer Science and Engineering, Sun Yat-sen University
Supervisor: Prof. [Chang-Dong Wang](#)
GPA: 4.0/5.0

Research Interests

- Robotics, Humanoid Facial Expression Imitation and Generation, Affective Human-Robot Interaction, Data Mining

Awards

- **Google PhD Fellowship, 2024**
- Research Rising Star Award, Macquarie University, 2024
- International Macquarie Research Excellence Scholarship, Macquarie University, 2023-2026
- Outstanding Master Graduate, Sun Yat-sen University, 2020
- National Scholarship for Postgraduates, Sun Yat-sen University, 2018, 2019
- First Prize of Postgraduate Grant, Sun Yat-sen University, 2018, 2019
- National Encouragement Scholarship, Sun Yat-sen University, 2015, 2016
- Sun Hung Kai Properties Kwok Foundation Sun Yat-sen University Encouragement Scholarship, 2014
- First Prize of Excellent Student Scholarship, Sun Yat-sen University, 2014, 2015, 2016

Teaching

- Guest Lecture for **COMP8420 Advanced NLP**, School of Computing, Macquarie University, 2025
- Guest Lecture on **DeepDream and Neural Style Transfer** ([Slides](#)), School of Computing, Macquarie University, 2024
- Teaching Assistant for **Advanced Mathematics**, School of Computer Science and Engineering, Sun Yat-sen University, 2019
- Teaching Assistant for **Data Mining**, School of Computer Science and Engineering, Sun Yat-sen University, 2018

Experiences

- **Senior Game Development Engineer** ([Diablo Immortal](#), [ZOZ](#)), **NetEase Games**, 2020-2023
- Algorithm Engineer intern, **WeBank**, 2019
- Machine Learning Project intern, **NetEase Games**, 2019

Services

Journal Reviewer:

- IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)
- ACM Computing Surveys (CSUR)
- Expert Systems With Applications (ESWA)

Conference Reviewer:

- IEEE International Conference on Robotics and Automation (ICRA), 2026
- International Joint Conference on Artificial Intelligence (IJCAI), 2025
- IEEE International Conference on Data Science and Advanced Analytics (DSAA), 2024

Publications

Conference Paper

- [1] Li, P., Cao, L., Wu, X. M., & Zhang, Y. [VividFace: Real-Time and Realistic Facial Expression Shadowing for Humanoid Robots](#). ICRA 2026.
- [2] Li, P., Cao, L., Wu, X. M., Yu, X., & Yang, R. [UGotMe: An Embodied System for Affective Human-Robot Interaction](#). ICRA 2025.
- [3] Li, P. Z., Huang, L., Wang, C. D., & Lai, J. H. [EdMot: An Edge Enhancement Approach for Motif-aware Community Detection](#). KDD 2019.
- [4] He, H. P., Li, P. Z., Huang, L., Ji, Y. X., & Wang, C. D. [Latent Space Clustering via Dual Discriminator GAN](#). DASFAA 2020.

Journal Article

- [1] Li, P. Z., Huang, L., Wang, C. D., Lai, J. H., & Huang, D. [Community Detection by Motif-aware Label Propagation](#). TKDD 2020.
- [2] Li, P. Z., Huang, L., Wang, C. D., Li, C., & Lai, J. H. [Brain Network Analysis for Auditory Disease: A Twofold Study](#). Neurocomputing, 2019.
- [3] Li, P. Z., Huang, L., Wang, C. D., Huang, D., & Lai, J. H. [Community Detection Using Attribute Homogenous Motif](#). IEEE Access, 2018.
- [4] Li, P. Z., Cai, Y. X., Wang, C. D., Liang, M. J., & Zheng, Y. Q. [Higher-order brain network analysis for auditory disease](#). Neural Processing Letters, 2018.
- [5] Li, J. H., Wang, C. D., Li, P. Z., & Lai, J. H. [Discriminative metric learning for multi-view graph partitioning](#). Pattern Recognition, 2018.

Undergraduate Publication

- [1] Li, P. Z., Li, J. H., & Wang, C. D. [A SVM-based EEG signal analysis: An auxiliary therapy for tinnitus.](#) BICS 2016.
- [2] Li, J. H., Li, P. Z., Wang, C. D., & Lai, J. H. [Community detection in complicated network based on the multi-view weighted signed permanence.](#) IEEE Trustcom/BigDataSE/ISPA 2016.