

# 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

- **Teaching Associate**, COMP8420: Advanced NLP, School of Computing, Macquarie University, 2026
- **Guest Lecturer**, COMP8420: Advanced NLP, School of Computing, Macquarie University, 2025
- **Guest Lecturer**, COMP8430: Advanced Computer Vision and Action ([Slides](#)), School of Computing, Macquarie University, 2024
- **Teaching Assistant**, Advanced Mathematics, School of Computer Science and Engineering, Sun Yat-sen University, 2019
- **Teaching Assistant**, 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

### **Preprints / Under Review**

[1] **Li, P.**, Cao, L., Wu, X. M., Yang, R., & Yu, X. [X2C: A Dataset Featuring Nuanced Facial Expressions for Realistic Humanoid Imitation](#) arXiv preprint arXiv:2505.11146, 2025.

### **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.