Peizhen Li

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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)
- Expert Systems With Applications (ESWA)

Conference Reviewer:
- 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., Yu, X., & Yang, R. UGotMe: An Embodied System for Affective Human-Robot Interaction. ICRA 2025.

[2] Li, P. Z., Huang, L., Wang, C. D., & Lai, J. H. EdMot: An Edge Enhancement Approach for Motif-aware Community Detection. KDD 2019.

[3] 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.