Peizhen Li

Contact ✉: sysulipeizhen@163.com / peizhen.li1@hdr.mq.edu.au

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. Changdong Wang
  GPA: 4.0/5.0

- **B.Eng. in Software Engineering**
  School of Computer Science and Engineering, Sun Yat-sen University
  Supervisor: Prof. Changdong Wang
  GPA: 4.0/5.0

Research Interests

- Robotics, Machine Learning, Data Mining

Awards

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

Experiences

- 2024, Guest Lecture on DeepDream and Neural Style Transfer (Slides), School of Computing, Macquarie University.
- 2020-2023, Senior Game Development Engineer (Diablo Immortal, ZOZ), Netease Interactive Entertainment Company Ltd.
- 2019, Algorithm Engineer intern, WeBank.
- 2019, Machine Learning Project intern, Netease Interactive Entertainment Company Ltd.
- 2019, Teaching Assistant for Advanced Mathematics, School of Computer Science and Engineering, Sun Yat-sen University.

- 2018, Teaching Assistant for Data Mining, School of Computer Science and Engineering, Sun Yat-sen University.

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 2019.

[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. In Advances in Brain Inspired Cognitive Systems: 8th International Conference, 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.