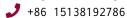
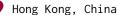
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Education

Jun. 2023 - Present Ph.D., Computing,

The Hong Kong Polytechnic University (PolyU), Hong Kong, China

Sep. 2020 – Jun. 2023 M.E., Control Science and Engineering, GPA:88.00/100 or 3.75/4

Northwestern Polytechnical University (NPU), Xi'an, China

Sep. 2016 – Jun. 2020 B.E., *Automation*, GPA:83.47/100 or 3.34/4
Northwestern Polytechnical University (NPU), Xi'an, China

Research Publications

- L. Ning, Z. Zhang, W. Ding, et al., "Multi-level Distribution Alignment for Multi-source Universal Domain Adaptation." *IEEE Trans. Neural Networks Learn. Syst.*, 2025. (JCR:Q1, IF:17.564, Online)
 - **L. Ning**, W. Fan, Q. Li, "Retrieval-Augmented Purifier for Robust LLM-Empowered Recommendation." *arXiv*, 2025. (**Preprint**)
 - **L. Ning**, Z. Liang, Z. Jiang, et al., "A Survey of WebAgents: Towards Next-Generation AI Agents for Web Automation with Large Foundation Models." *arXiv*, 2025. (**Preprint**)
 - J. Huang, S. Wang, **L. Ning**, et al., "Towards Next-Generation Recommender Systems: A Benchmark for Personalized Recommendation Assistant with LLMs." *arXiv*, 2025. (**Preprint**)
- L. Ning, Z. Dai, W. Fan, et al., "Joint Universal Adversarial Perturbations with Interpretations," arXiv, 2024. (Preprint)
 - H. Qu, L. Ning, R. An, W. Fan, et al., "A Survey of Mamba," arXiv, 2024. (Preprint)
 - Y. Ding, W. Fan, L. Ning, et al., "A survey on RAG meets LLMs: Towards retrieval-augmented large language models," SIGKDD Conf. Knowl. Discovery Data Min., 2024. (CCF-A, Online)
 - L. Ning, S. Wang, W. Fan, et al., "CheatAgent: Attacking LLM-Empowered Recommender Systems via LLM Agent," SIGKDD Conf. Knowl. Discovery Data Min., 2024. (CCF-A, Online)
 - L. Ning, Z. Dai, J. Su, et al., "Interpretation-Empowered Neural Cleanse for Backdoor Attacks," *The Web Conference*, 2024. (CCF-A, Online)
- Z. Zhang, Z. Liu, L. Ning, et al., "Representation of Imprecision in Deep Neural Networks for Image Classification," *IEEE Trans. Neural Networks Learn. Syst.*, 2022. (JCR:Q1, IF:14.255, Online)
 - Z. Zhang, L. Ning, Z. Liu, et al., "Mining and Reasoning of Data Uncertainty-induced Imprecision in Deep Image Classification," *Inf. Fusion*, 2023. (JCR:Q1, IF:17.564, Online)
- Z. Liu, L. Ning, and Z. Zhang, "A New Progressive Multi-Source Domain Adaptation Network with Weighted Decision Fusion," *IEEE Trans. Neural Networks Learn. Syst.*, 2022, doi: 10.1109/TNNLS.2022.3179805. (JCR:Q1, IF:14.255, Online)
 - Z. Liu, Z. Zhang, Q. Pan, and L. Ning, "Unsupervised Change Detection From Heterogeneous Data Based on Image Translation," *IEEE Trans. Geosci. Remote Sens.*, vol. 60, pp. 1-13, 2022. (JCR:Q1, IF:8.125, Online)
- L. Ning, Z. Liu, and Z. Zhang, "Domain Adaptation Based Multi-Source Data Fusion for Pattern Classification," *IEEE CIE Int. Conf. Radar*, 2021. (Online)

Miscellaneous Experience

Awards and Achievements

2023 **Excellent Master's Thesis**, NPU, Xi'an, China.

Outstanding Graduates, NPU, Xi'an, China.

2022 **The National Scholarship**, Ministry of Education, China.

The First Prize Scholarship, NPU, Xi'an, China.

The Second Prize Scholarship, NPU, Xi'an, China.

The First Prize Scholarship, NPU, Xi'an, China.

The Endress+Hauser Scholarship, NPU, Xi'an, China.

The Second Prize Scholarship, NPU, Xi'an, China.

Certifications

The First Prize of the 15-th National University Students Intelligent Car Race.

The First Prize of the 14-th National University Students Intelligent Car Race.

The Second Prize of the 13-th National University Students Intelligent Car Race. Awarded by Intelligent Car Race Organization Committee.

Skills and Research Interests

Coding Matlab, Python, C/C++, LaTeX, Git.

Languages Mandarin Chinese (Native), English (CET6, IELTS 6.5).

Res. Interests Transfer Learning, Adversarial Attack, Pattern Recognition, XAI.