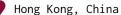
# Ning Liang-bo









### **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**

- J. Huang, S. Wang, **L. Ning**, et al., "Towards Next-Generation Recommender Systems: A Benchmark for Personalized Recommendation Assistant with LLMs." *arXiv*, 2025. (Online)
- **L. Ning**, Z. Dai, W. Fan, et al., "Joint Universal Adversarial Perturbations with Interpretations," *arXiv*, 2024. (Online)
  - H. Qu, L. Ning, R. An, W. Fan, et al., "A Survey of Mamba," arXiv, 2024. (Online)
  - Y. Ding, W. Fan, **L. Ning**, S. Wang, 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)

## **Research Publications (continued)**

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**

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

**Outstanding Graduates**, NPU, Xi'an, China.

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.