Ning Liang-bo

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📍 Hong Kong, China

Education

Apr. 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 **ARWU Ranking(World/Subject):** 151/51

Research Publications

2024

L. Ning, Z. Dai, J. Su, et al., "Interpretation-Empowered Neural Cleanse for Backdoor Attacks," *The Web Conference*, 2024. (CCF-A, Online)

2023

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)

2022

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)

2021

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.
2019	**The Second Prize Scholarship**, NPU, Xi'an, China.
2018	**The First Prize Scholarship**, NPU, Xi'an, China.
	The Endress+Hauser Scholarship, NPU, Xi'an, China.

Miscellaneous Experience (continued)

2017   **The Second Prize Scholarship**, NPU, Xi'an, China.

Certifications

2020   **The First Prize of the 15-th National University Students Intelligent Car Race**.

2019   **The First Prize of the 14-th National University Students Intelligent Car Race**.

2018   **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.