

# Ning Liang-bo

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📍 Xi'an, ShaanXi, China



## Education

- Sep 2020 – Jun 2023    📖 **M.Sc., Control Science and Engineering,**    **GPA:3.75/4**  
Northwestern Polytechnical University (NPU), Xi'an, China
- Sep 2016 – Jun 2020    📖 **B.Sc., Automation,**    **GPA:3.34/4**  
Northwestern Polytechnical University (NPU), Xi'an, China

## Research Publications

- 2022    📖 Z. Liu(Supervisor), **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. (IF:14.255, Published)
- 📖 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. (IF:8.125, Published)
- 📖 Z. Zhang, Z. Liu, **L. Ning**, A. Martin, and K. Zhou, "Representation of Imprecision in Deep Neural Networks for Image Classification: Active Learning via Belief Functions," *IEEE Trans. Image Process.*, 2022. (IF:11.041, Under Review)
- 📖 Z. Zhang, Z. Liu, **L. Ning**, A. Martin, and K. Zhou, "Representation of Uncertainty and Imprecision between Arbitrary Clusters," *IEEE Trans. Knowl. Data Eng.*, 2022. (IF:6.977, Under Review)
- 2021    📖 **L. Ning**, Z. Liu, Z. Zhang, "Domain Adaptation Based Multi-Source Data Fusion for Pattern Classification," *IEEE CIE Int. Conf. Radar*, 2021. (Accepted)

## Miscellaneous Experience

### Awards and Achievements

- 2018    📖 **The First Prize Scholarship**, NPU, Xi'an, China.
- 📖 **The Endress+Hauser Scholarship**, NPU, Xi'an, China.
- 2017 & 2019    📖 **The Second Prize Scholarship for two times**, 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++.
- Software    📖 VS Code, Altium Designer, SolidWorks, AutoCAD, L<sup>A</sup>T<sub>E</sub>X, Git.
- Languages    📖 Mandarin Chinese (Native), English (CET6, **IELTS 6.5**).
- Res. Interests    📖 Transfer Learning, Data Mining, Pattern Recognition, Imprecision Modeling.