

王登豹

出生年月：1994.6 籍贯：山东省聊城市高唐县
政治面貌：群众 邮箱：wangdb@seu.edu.cn
婚姻状况：已婚 电话：(+86) 18851897986



教育经历

东南大学 计算机科学与工程学院	2019.9 – 今
博士, 机器学习与数据挖掘 导师: 张敏灵 教授	
• 获批首届“NSFC 博士生基金” (2024)	
• 德国学术交流中心 (DAAD) AInet Fellow (2023)	
• 腾讯犀牛鸟精英人才计划 (2022)	
• 三好研究生 (2022)	
• 国家奖学金 (2022)	
• 江苏省研究生创新工程培养计划 (2021)	
• 博士新生奖学金 (2019)	
西南大学 计算机与信息科学学院	2016.9 – 2019.6
硕士, 机器学习 导师: 李莉 教授	
烟台大学 计算机与控制工程学院	2012.9 – 2016.6
本科, 计算机科学与技术	

实习经历

腾讯 AI Lab 机器学习中心	2022.6 – 2022.12
研究课题：深度模型的不确定性校准 企业导师: 赵沛霖 博士	
• 实习期间发表 CCF-A 类论文一篇，申请并公开国家发明专利一项	
• 入选腾讯犀牛鸟校精英人才计划年度优秀学生	

研究兴趣

深度模型不确定性校准：设计算法提升深度模型不确定性估计性能，进而增进模型在实际应用中的可信赖性。
弱监督学习：面向数据标注受限场景，设计算法提升噪声标记学习、偏标记学习等典型弱监督场景下的模型性能。

论文发表

第一作者 (CCF-A 类 9 篇，含共同一作 2 篇)：

[ICML’24] Calibration Bottleneck: Over-compressed Representations are Less Calibratable
D.-B. Wang, M.-L. Zhang
In: Proceedings of the 41st International Conference on Machine Learning, 2024, in press. CCF-A 类

[AAAI’24] Distilling Reliable Knowledge for Instance-dependent Partial Label Learning
D.-D. Wu[#], D.-B. Wang[#], M.-L. Zhang
In: Proceedings of the 38th AAAI Conference on Artificial Intelligence, 2024, in press. CCF-A 类，共同一作

[CVPR'23] On the Pitfall of Mixup for Uncertainty Calibration

D.-B. Wang, L. Li, P. Zhao, P.-A. Heng, M.-L. Zhang

In: Proceedings of the 34th IEEE/CVF Conference on Computer Vision and Pattern Recognition, 2023, 7609-7618. CCF-A 类

[TPAMI'22] Adaptive Graph Guided Disambiguation for Partial Label Learning

D.-B. Wang, L. Li, M.-L. Zhang

IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44(12): 8796-8811. CCF-A 类

[ICML'22] Revisiting Consistency Regularization for Deep Partial Label Learning

D.-D. Wu[#], D.-B. Wang[#], M.-L. Zhang

In: Proceedings of the 39th International Conference on Machine Learning, 2022, 24212-24225. CCF-A 类, 共同一作

[NeurIPS'21] Rethinking Calibration of Deep Neural Networks: Don't Be Afraid of Overconfidence

D.-B. Wang, L. Feng, M.-L. Zhang

In: Advances in Neural Information Processing Systems 34, 2021, 11809-11820. CCF-A 类

[IJCAI'21] Learning from Complementary Labels via Partial-Output Consistency Regularization

D.-B. Wang, L. Feng, M.-L. Zhang

In: Proceedings of the 30th International Joint Conference on Artificial Intelligence, 2021, 3075-3081. CCF-A 类

[AAAI'21] Learning from Noisy Labels with Complementary Loss Functions

D.-B. Wang, Y. Wen, L. Pan, M.-L. Zhang

In: Proceedings of the 35th AAAI Conference on Artificial Intelligence, 2021, 10111-10119. CCF-A 类

[KDD'19] Adaptive Graph Guided Disambiguation for Partial Label Learning

D.-B. Wang, L. Li, M.-L. Zhang

In: Proceedings of the 25th ACM SIGKDD Conference on Knowledge Discovery and Data Mining, 2019, 83-91. CCF-A 类

[DASFAA'18] Extracting Label Importance Information for Multi-Label Classification

D.-B. Wang, J. Wang, F. Hu, L. Li, X. Zhang

In: Proceedings of the 23rd International Conference on Database Systems for Advanced Applications, 2018, 424-439.

[PAKDD'18] A Locally Adaptive Multi-Label k-Nearest Neighbor Algorithm

D.-B. Wang, J. Wang, F. Hu, L. Li, X. Zhang

In: Proceedings of the 22nd Pacific-Asia Conference on Knowledge Discovery and Data Mining, 2018, 81-93.

共同作者 (CCF-A 类 5 篇) :

[TPAMI] Student Loss: Towards the Probability Assumption in Inaccurate Supervision

S. Zhang, J.-Q. Li, H. Fujita, Y.W. Li, D.-B. Wang, T.-T. Zhu, M.-L. Zhang, C.-Y. Liu

IEEE Transactions on Pattern Analysis and Machine Intelligence, in press. CCF-A 类

[TKDE] Dimensionality Reduction for Partial Label Learning: A Unified and Adaptive Approach

X.-R. Yu, D.-B. Wang, M.-L. Zhang

IEEE Transactions on Knowledge and Data Engineering, in press. CCF-A 类

[TKDE] Learning from Noisy Labels via Dynamic Loss Thresholding

H. Yang, Y.-Z. Jin, Z.-Y. Li, D.-B. Wang, X. Geng, M.-L. Zhang.

IEEE Transactions on Knowledge and Data Engineering, in press. CCF-A 类

[TKDD] Multiple-Instance Learning from Triplet Comparison Bags

S. Shu, D.-B. Wang, S. Yuan, H. Wei, J. Jiang, L. Feng, M.-L. Zhang

ACM Transactions on Knowledge Discovery from Data, 2024, 18(4): 1-18. ACM 汇刊

[AAAI'23] Partial-Label Regression

X. Cheng, **D.-B. Wang**, L. Feng, M.-L. Zhang, B. An.

In: Proceedings of the 37th AAAI Conference on Artificial Intelligence, 2023, 7140-7147. **CCF-A 类**

[MLJ'22] Partial Label Learning with Emerging New Labels

X.-R. Yu, **D.-B. Wang**, M.-L. Zhang

Machine Learning, 2022, 113(4): 1549-1565.

[IJCAI'19] Multi-View Multi-Label Learning with View-Specific Information Extraction

X. Wu, Q.-G. Chen, Y. Hu, **D.-B. Wang**, X. Chang, X. Wang, M.-L. Zhang

In: Proceedings of the 28th International Joint Conference on Artificial Intelligence, 2019, 3884-3890. **CCF-A 类**

曾获荣誉

德国学术交流中心 (DAAD) AInet Fellow (2023)

腾讯犀牛鸟精英人才计划 (2022)

国家奖学金 (2018, 2022)

东南大学三好研究生 (2022)

博士新生奖学金 (2019)

西南大学优秀毕业生 (2019)

国家奖学金 (2018)

西南大学优秀研究生 (2018)

西南大学研究生一等学业奖学金 (2016, 2017, 2018)

主持/参与项目

- (1) “面向分布偏移场景的深度模型不确定性校准研究”, 国家自然科学基金青年学生基础研究项目 (博士研究生), 2024.5 – 2025.12, 主持 (在研)
- (2) “基于输出一致性的弱监督学习研究”, 江苏省研究生培养创新工程科研创新项目, 2021.4 – 2023.12, 主持 (已结题)
- (3) “多标记机器学习”, 国家杰出青年科学基金, 2023.01 – 2027.12, 参与 (在研)
- (4) “多源不确定数据挖掘方法与技术”, 国家重点研发计划 (项目课题), 2018.05 – 2021.04, 参与 (已结题)

学术服务

国际会议程序委员 (**CCF-A 类 10 次**): ICML (2022, 2023, 2024; CCF-A 类), IJCAI (2022, 2023, 2024; CCF-A 类), AAAI (2021, 2023; CCF-A 类), NeurIPS (2023; CCF-A 类), KDD (2024; CCF-A 类), ICLR (2024), ECML/PKDD (2022), ACML (2021), ICMLA (2021), IAAI (2021, 2022)。

期刊审稿人: IEEE Transactions on Pattern Analysis and Machine Intelligence, SCIENCE CHINA Information Sciences, ACM Transactions on Intelligent Systems and Technology, ACM Transactions on Knowledge Discovery from Data, IEEE Transactions on Multimedia, Journal of Computer Science and Technology, Neurocomputing, 《自动化学报》。