

李恬霖

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当前职位

北京航空航天大学副教授

工作经历

2025 年 12 月 - 至今 **副教授, 北京航空航天大学计算机学院**
研究方向包括: 人工智能安全、智能化软工、太空智算

2025 年 3 月 - 2025 年 12 月 **博士后, 新加坡南洋理工大学**
研究智能软件系统可靠性

教育经历

2020 年 8 月 - 2024 年 8 月 **博士, 新加坡南洋理工大学**

2016 年 9 月 - 2019 年 1 月 **硕士, 北京航空航天大学**

2012 年 9 月 - 2016 年 6 月 **学士, 北京航空航天大学**

荣获奖励

奖励

2025 **国家优秀自费留学生奖学金**

AISTATS 2025 最佳审稿人

2024 **NeurIPS 2024 最佳审稿人 (1304/15160 8.6%)**

DAAD AInet Fellowship. 德国学术交流中心.


2022 **3rd place in the AISG Trusted Media Challenge with 25K SGD cash prize, 2022. 新加坡人工智能中心. News**

2021-2024 **AISG PhD Fellowship. 新加坡人工智能中心.**

2016-2018 **北航一等学业奖学金. 北航.**

荣获奖励 (continued)

证书

2018  优秀助教. 北航.

论文发表 (*: 第一作者, #: 通讯作者)

- ICSE 2024**  **RUNNER: Responsible UNfair NEuron Repair for Enhancing Deep Neural Network Fairness**
Tianlin Li*, Yue Cao*, Jian Zhang, Shiqian Zhao, Yihao Huang, Aishan Liu, Qing Guo, Yang Liu.
International Conference on Software Engineering
- TOSEM 2023**  **Faire: Repairing Fairness of Neural Networks via Neuron Condition Synthesis**
Tianlin Li, Xiaofei Xie, Jian Wang, Qing Guo, Aishan Liu, Lei Ma, Yang Liu.
ACM Transactions on Software Engineering and Methodology
- ICML 2023**  **FAIRER: FAIRNESS AS DECISION RATIONALE ALIGNMENT**
Tianlin Li, Qing Guo, Aishan Liu, Mengnan Du, Zhiming Li, Yang Liu.
International Conference on Machine Learning
- IJCAI 2023**  **Fairness via Group Contribution Matching**
Tianlin Li, Zhiming Li, Anran Li, Mengnan Du, Aishan Liu, Qing Guo, Guozhu Meng, Yang Liu.
International Joint Conference on Artificial Intelligence
- Inf. Sci. 2020**  **Understanding adversarial robustness via critical attacking route**
Tianlin Li*, Aishan Liu*, Xianglong Liu, Yitao Xu, Chongzhi Zhang, Xiaofei Xie.
Information Sciences.
- TOSEM 2021**  **NPC: Neuron Path Coverage via Characterizing Decision Logic of Deep Neural Networks**
Xiaofei Xie*, Tianlin Li*, Jian Wang, Lei Ma, Qing Guo, Felix Juefei-Xu, Yang Liu.
ACM Transactions on Software Engineering and Methodology
- ICLR 2020**  **Knowledge consistency between neural networks**
Ruofan Liang*, Tianlin Li*, Longfei Li, Jing Wang, Quanshi Zhang.
International Conference on Learning Representations.

论文发表 (*: 第一作者, #: 通讯作者) (continued)

- ICML 2025** **Defending LVLMS Against Vision Attacks through Partial-Perception Supervision**
Qi Zhou, **Tianlin Li**#, Qing Guo, Dongxia Wang#, Yun Lin, Yang Liu, Jin Song Dong
Transactions on Software Engineering and Methodology
- TOSEM 2025** **NeuSemSlice: Towards Effective DNN Model Maintenance via Neuron-level Semantic Slicing**
Shide Zhou, **Tianlin Li**#, Yihao Huang, Ling Shi, Kailong Wang#, Yang Liu, Haoyu Wang
Transactions on Software Engineering and Methodology
- ICSE 2025** **Dissecting Global Search: A Simple Yet Effective Method to Boost Individual Discrimination Testing and Repair**
Lili Quan, **Tianlin Li**#, Xiaofei Xie, Zhenpeng Chen, Xiaofei Xie, Sen Chen, Lingxiao Jiang, Xiaohong Li#
International Conference on Software Engineering
- ICSE 2025** **Understanding the Effectiveness of Coverage Criteria for Large Language Models: A Special Angle from Jailbreak Attacks**
Shide Zhou, **Tianlin Li**#, Kailong Wang#, Yihao Huang, Ling Shi, Yang Liu, Haoyu Wang
International Conference on Software Engineering
- ICML 2024** **Improving Neural Logic Machines via Failure Reflection**
Zhiming Li, Yushi Cao, Yan Zheng#, Xu Liu, Bozhi Wu, **Tianlin Li**#, Xiufeng Xu, Junzhe Jiang, Yon Shin Teo, Shang-Wei Lin, Yang Liu.
International Conference on Machine Learning
- LREC-Coling 2024** **Unveiling Project-Specific Bias in Neural Code Models**
Zhiming Li, Yanzhou Li, **Tianlin Li**#, Mengnan Du, Bozhi Wu, Yushi Cao, Xiaofei Xie, Yi Li, Yang Liu.
International Conference on Computational Linguistics, Language Resources and Evaluation
- ICLR 2024** **BadEdit: Backdooring Large Language Models by Model Editing**
Yanzhou Li, **Tianlin Li**#, Kangjie Chen#, Jian Zhang, Shangqing Liu, Wenhan Wang, Tianwei Zhang, Yang Liu
International Conference on Learning Representations