

ZHANG YINAN

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📍 Alibaba-NTU Global e-Sustainability CorpLab (ANGEL)



EDUCATION

Ph.D
School of Computer Science and Engineering
Nanyang Technological University
GPA: 4.83/5
📅 July 2019 - Feb 2023 📍 Singapore

Bachelor of Science
Taishan College, Shandong University
GPA: 87.56/100, 4.11/5 Ranking: 4/15
The class of 2019 in Computer Science Program of Taishan College are 15 top students selected from 300 qualified students.
📅 Sept. 2015 - June 2019 📍 Jinan, China

SELECTED PUBLICATIONS

- Jiazheng Jing*, Yinan Zhang*, & Chunyan Miao, Bites of Tomorrow: Personalized Recommendations for a Healthier and Greener Plate. In AAAI 2025.
- Ping Chen, Jonathan Leung, Yinan Zhang, & Zhiqi Shen, The POWER of Ikigai: Optimizing Life Fulfillment with an Integrated User Simulator and Adaptive Hobby Recommender. In IAAI 2025.
- Zhixiang Su, Yinan Zhang, Jiazheng Jing, Jie Xiao, & Zhiqi Shen, Enabling Patient-side Disease Prediction via the Integration of Patient Narratives. In WWW 2024.
- Lingzi Zhang*, Yinan Zhang*, Xin Zhou, & Zhiqi Shen, GreenRec: A Large-Scale Dataset for Green Food Recommendation. In WWW 2024.
- Jiazheng Jing*, Yinan Zhang*, Xin Zhou, & Zhiqi Shen. Capturing Popularity Trends: A Simplistic Non-Personalized Approach for Enhanced Item Recommendation. In CIKM 2023.
- Yinan Zhang, Boyang Li, Yong Liu, Yuan You, & Chunyan Miao. Minimalist and High-performance Conversational Recommendation with Uncertainty Estimation for User Preference. In WSDM 2023 Workshop on Interactive Recommender Systems.
- Yinan Zhang, Boyang Li, Yong Liu, Hao Wang, & Chunyan Miao. Initialization Matters: Regularizing Manifold-informed Initialization for Neural Recommendation Systems. In KDD 2021. Nominated for Best Paper.
- Yong Liu, Susen Yang, Yinan Zhang, Chunyan Miao, Zaiqing Nie, & Juyong Zhang. Learning Hierarchical Review Graph Representation for Recommendation. In IEEE TKDE 2021.
- Yinan Zhang, Yong Liu, Peng Han, Chunyan Miao, Lizhen Cui, Boyang Li, & Haihong Tang. Learning personalized itemset mapping for cross-domain recommendation. In IJCAI 2020.
- Yong Liu, Zhiqi Shen, Yinan Zhang, Lizhen Cui. Diversity-promoting deep reinforcement learning for interactive recommendation. In ICCSE 2019.
- Yinan Zhang, Lizhen Cui, Jiwei Huang, & Chunyan Miao. Crowdmerge: Achieving optimal crowdsourcing quality management by sequent merger. In ICCSE 2018. Nominated for Best Student Paper.
- Chang Liu, Yinan Zhang, Lei Liu, Lizhen Cui, Dong Yuan, & Chunyan Miao. Crowd-enabled pareto-optimal objects finding employing multi-pairwise-comparison questions. In CIKM 2017.

HONORS AND AWARDS

- 🏆 Innovative Application of AI Award
AAAI 2025
- 🏆 Outstanding Service Award
ICAA 2023, ICCSE 2024
- 🏆 Alibaba JRI@NTU Research Scholarship
2019
- 🏆 Dean's Scholarship, Class of 2019
(1/15).
2019
- 🏆 Excellent Student Award of Shandong University.
2016, 2017, 2018

RESEARCH INTERESTS

- Machine Learning
- Artificial Curiosity
- Green Recommendation

PROGRAMMING SKILLS

- Python
- C/C++
- Java
- PyTorch

EMPLOYMENT HISTORY

- Research Assistant Professor
Alibaba-NTU Global e-Sustainability CorpLab (ANGEL)
📅 2024.03-present 📍 Singapore
- Research Assistant Professor
Alibaba-NTU Singapore Joint Research Institute
📅 2023.10-2024.03 📍 Singapore
- Research Fellow
Alibaba-NTU Singapore Joint Research Institute
📅 2023.04-2023.10 📍 Singapore
- Research Engineer
Joint NTU-WeBank Research Centre on Fintech
📅 2022.09-2023.04 📍 Singapore