

ZHANG YINAN

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EDUCATION

Ph.D

School of Computer Science and Engineering
Nanyang Technological University
Current GPA: 4.8/5

📅 July 2019 - present

📍 Singapore

Bachelor of Science

Taishan Class, Shandong University
GPA: 87.56/100, 4.11/5 Ranking: 4/15

Taishan Class originated from the *Basic Research Training Program for Top-notch Students of China*. The program is promoted by Ministry of Education of the People's Republic of China and carried out in 20 top universities all over China. Taishan Class students are now making remarkable achievements. The 2015-grade students in Computer Science Program of Taishan Class are 15 elites selected from 300 qualified competitors candidates.

📅 Sept. 2015 - June 2019

📍 Jinan, China

RESEARCH PUBLICATIONS

- Zhang,Y., Liu, Y., Han, P., Miao, C., Cui, L., Li, B., & Tang, H. (2020). Learning personalized itemset mapping for cross-domain recommendation, In Twenty-ninth International Joint Conference on Artificial Intelligence, IJCAI-20. Main track. **Acceptance Rate: 12.6%**.
- Yang, S., Liu, Y., Zhang,Y., Miao, C., Nie, Z., & Zhang J. (2020). Learning Hierarchical Review Graph Representation for Recommendation, IEEE Transactions on Knowledge and Data Engineering, submitted.
- Liu, Y., Zhang,Y., Wu, Q., Miao, C., Cui, L., Zhao, B., Zhao, Y., & Guan, L. (2019). Diversity-promoting deep reinforcement learning for interactive recommendation.CoRR, arXiv 1903.07826.
- Zhang,Y., Cui, L., Huang, J., & Miao, C. (2018). Crowdmerge: Achieving optimal crowdsourcing quality management by sequent merger, In Proceedings of the 3rd International Conference on Crowd Science and Engineering, Singapore. **Nominated for Best Student Paper.**
- Liu, C.,Zhang,Y., Liu, L., Cui, L., Yuan, D., & Miao, C. (2017). Crowd-enabled pareto-optimal objects finding employing multi-pairwise-comparison questions, In Proceedings of the 2017 ACM on Conference on Information and Knowledge Management, Singapore. **Acceptance Rate: 20%.**

WORKING EXPERIENCE

Research Intern, Alibaba

In the Department of Search & Recommendation, I proposed an effective interactive recommendation algorithm, which is a diversity-promoting deep reinforcement learning model. I applied this method to user-mechandise interaction data from Taobao.

📅 2019

📍 Beijing, China

Tutor

Gave instructions to 5 students at junior high and elementary levels.

📅 2015 -2017

📍 Wenzhou, China

HONORS AND AWARDS



Alibaba JRI@NTU Research
Scholarship
2019



Dean Scholarship / Valedictorian,
Class of 2019 (1/15).
2019



Excellent Student Award of Shandong
University.
2016, 2017, 2018



Excellent Class Helper of Shandong
University (2/80).
2016

RESEARCH INTERESTS

Machine Learning

Artificial Curiosity

Recommendation Systems

PROGRAMMING SKILLS

Python

C/C++

Java

Processing

MAJOR COURSE GPA

- Algorithm Analysis and Design - GPA: 5/5
- Linear Algebra - GPA: 5/5
- Pattern recognition - GPA: 5/5
- Principles of Compiler - GPA: 5/5
- Database System - GPA: 5/5
- Principles of and Applications of Embedded Systems - GPA: 5/5
- Information Retrieval - GPA: 5/5
- Data Mining - GPA: 5/5

EXTRA-CURRICULAR ACTIVITIES

Representative of Shandong
University

Selected for research excellence (10/250 students) and presented research findings for representatives from 20 universities nationwide.

📅 Oct. 2018

📍 Shanghai, China

Debate team member

Won 4th place among 16 colleges at
Shandong University.

📅 2015 - 2019

📍 Jinan, China