

JIN ZHANG 张锦

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EDUCATION

University of Science and Technology of China,

Sep.,2021 - Present

M.S. in School of Data Science. Advisor: Prof. Defu Lian.

Core Curriculum: Machine Learning, Deep Learning, Design and Analysis of Algorithms, etc.

Transcript: GPA 3.6/4.3, Rank 14/47.

University of Science and Technology of China,

Sep.,2017 - Jun., 2021

B.S. in School of Mathematical Sciences.

Core Curriculum: Advanced Probability Theory, Stochastic Process, Real Analysis, Functional Analysis, etc.

Transcript: GPA 3.43/4.3, Rank 23/71.

RESEARCH INTERESTS

- Approximate Nearest Neighbor Search
- Recommender System
- Online Learning

PUBLICATIONS

- Qi Liu, **Jin Zhang**, Defu Lian, Yong Ge, Jianhui Ma, and Enhong Chen. "Online Additive Quantization". 27th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (**KDD'21**).
- **Jin Zhang**, Qi Liu, Defu Lian, Zheng Liu, Le Wu, and Enhong Chen. "Anisotropic Additive Quantization for Fast Inner Product Search." 36th AAAI Conference on Artificial Intelligence (**AAAI'22**).
- Rui Fan, Jin Chen, **Jin Zhang**, Defu Lian, and Enhong Chen. "Improving Implicit Alternating Least Squares with Ring-based Regularization." 45th International ACM SIGIR Conference on Research and Development in Information Retrieval (**SIGIR'22**).
- **Jin Zhang**, Defu Lian, Haodi Zhang, Baoyun Wang, Enhong Chen. "Query-Aware Quantization for Maximum Inner Product Search." 37th AAAI Conference on Artificial Intelligence (**AAAI'23**).
- Zepu Lu, Defu Lian, **Jin Zhang**, Zaixi Zhang, Chao Feng, Hao Wang and Enhong Chen. "DiffMCQ: Differentiable Multi-Codebook Quantization with Orthogonal Constraints". The Web Conference 2023 (**WWW'23**).

AWARDS

- National Scholarship, 2022.
- AAAI Student Scholarship, 2022.
- First Class Academic Scholarship, 2021-2022.
- Outstanding Students of University of Science and Technology of China, 2018 - 2021.

SKILLS

- Python, Matlab, C/C++.