

Jiayao Zhang

CONTACT INFORMATION

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RESEARCH INTERESTS

Data Markets, Data Valuation

EDUCATION

2021-Present: Ph.D Candidate, Cyberspace Security, College of Computer Science and Technology, Zhejiang University, China

2017-2021: B.E., Software Engineering, College of Computer Science and Technology, Zhejiang University, China

PUBLICATIONS **Jiayao Zhang***, Chirong Zhang*, Jian Pei, Xuan Luo, Jianliang Xu, Jinfei Liu: Computing Shapley Values in Preference Queries, ICDE 2025

Yiding Zhu, Hongwei Zhang, **Jiayao Zhang**, Jinfei Liu, Kui Ren: DataPrice: An Interactive System for Pricing Datasets in Data Marketplaces. Proc. VLDB Endow. 17(12): 4433-4436 (2024)

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Qiheng Sun, **Jiayao Zhang**, Jinfei Liu, Li Xiong, Jian Pei, Kui Ren: Shapley Value Approximation Based on Complementary Contribution. IEEE Trans. Knowl. Data Eng. 36(12): 9263-9281 (2024)

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Jiayao Zhang*, Haocheng Xia*, Qiheng Sun*, Jinfei Liu, Li Xiong, Jian Pei, Kui Ren: Dynamic Shapley Value Computation. ICDE 2023: 639-652

Qiheng Sun, Xiang Li, **Jiayao Zhang**, Li Xiong, Weiran Liu, Jinfei Liu, Zhan Qin, Kui Ren: ShapleyFL: Robust Federated Learning Based on Shapley Value. KDD 2023: 2096-2108

Qiongqiong Lin*, **Jiayao Zhang***, Jinfei Liu, Kui Ren, Jian Lou, Junxu Liu, Li Xiong, Jian Pei, Jimeng Sun: Demonstration of Dealer: An End-to-End Model Marketplace with Differential Privacy. Proc. VLDB Endow. 14(12): 2747-2750 (2021)

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- ACM Transactions on Knowledge Discovery from Data, 2025
- Information Systems, 2024
- Journal of systems architecture, 2024
- IEEE Transactions on Knowledge and Data Engineering, 2024
- IEEE Internet Computing, 2024