Zijing Ou

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EDUCATION

Sun Yat-sen University (SYSU), China   Sept. 2017 - Jun. 2021
B.E. in Software Engineering   GPA: 3.9/4.0
School of Computer Science and Engineering   Major GPA: 4.0/4.0
Courses Highlight: Linear Algebra (97/100, Top 1%), Signal and Systems (97/100, Top 1%), Principles of Artificial Intelligence (95/100, Top 1%), Introduction to Data Mining (95/100, Top 5%), Database Systems (92/100, Top 5%)

PREPRINTS

Jiayang Chen, Qinliang Su and **Zijing Ou**: *Modeling and Integrating Neighborhood Information for Generative Semantic Hashing.* Under review, 2022. [pdf]

Yuan Xu, **Zijing Ou** and Qinliang Su: *Reducing Bidirectional Link Prediction Gaps with Dual Transformer Encoders for Knowledge Graph Completion.* Under review, 2022. [pdf]

Jiayuan Ding, Tong Xiang, **Zijing Ou**, Wangyang Zuo, Ruihui Zhao, Chenhua Lin, Yefeng Zheng and Bang Liu: *Tell Me What to Read: Literature Review Made Simple with Automatic Reading Path Generation.* Under Review, 2022. [demo]

SELECTED PUBLICATIONS

ACL 2021: Zijing Ou, Qinliang Su, Jianxing Yu, Bang Liu, Jingwen Wang, Ruihui Zhao, Changyou Chen and Yefeng Zheng: *Integrating Semantics and Neighborhood Information with Graph-Driven Generative Models for Document Retrieval.* Conference of the Association for Computational Linguistics, 2021. [pdf] [code]

EMNLP 2021: Zijing Ou, Qinliang Su, Jianxing Yu, Yefeng Zheng, Ruihui Zhao and Bang Li: *Refining BERT Embeddings for Document Hashing via Mutual Information Maximization.* Conference on Empirical Methods in Natural Language Processing, 2021. [pdf] [code]

IJCAI 2021: Zexuan Qiu, Qinliang Su, **Zijing Ou**, JianXin Yu and Changyou Chen: *Unsupervised Hashing with Contrastive Information Bottleneck.* International Joint Conference on Artificial Intelligence, 2021. [pdf] [code]

NAACL 2021: Zhengxu Hou, Bang Liu, Ruihui Zhao, **Zijing Ou**, Yafei Liu, Xi Chen and Yefeng Zheng: *Imperfect also Deserves Reward: Multi-Level and Sequential Reward Modeling for Better Dialog Management.* North American Chapter of the Association for Computational Linguistics, 2021. [pdf] [code]

WSDM 2021: Yuanzhen Xie, **Zijing Ou**, Liang Chen, Yang Liu, Kun Xu, Carl Yang and Zibin Zheng: *Learning and Updating Node Embedding on Dynamic Heterogeneous Information Network.* International Conference on Web Search and Data Mining, 2021. [pdf]

COLING 2020: Zenan Xu, **Zijing Ou**, Qinliang Su, Jianxing Yu, Xiaojun Quan and ZhenKun Lin: *Embedding Dynamic Attributed Networks by Modeling the Evolution Processes.* Conference on Computational Linguistics, 2020. [pdf]

IJCAI 2019: Jing Song, Hong Shen, **Zijing Ou**, Junyi Zhang, Teng Xiao, Shangsong Liang: *ISLF: Interest Shift and Latent Factors Combination Model for Session-based Recommendation.* International Joint Conference on Artificial Intelligence, 2019. [pdf]

RESEARCH EXPERIENCES	**Tencent AI Lab**	Jul. 2021 - Present

Research Intern, Tencent AI Lab, Shenzhen, China
Working with: Yatao Bian

Tencent Jarvis Lab   May. 2020 - Jun. 2021
Research Intern, Tencent Jarvis Lab, Shenzhen, China
Working with: Yefeng Zheng, Bang Liu

Sun Yat-sen University   Sept. 2018 - Jun. 2021
Research Intern, School of Computer Science and Engineering
Work with: Qinliang Su

AWARDS
- **National Scholarship** (4/175)   2018
- **First-class Scholarship for Excellent Students of SYSU** (8/175)   2018
- **The First Academic Innovation Award of SYSU** (2/175)   2019
- **Outstanding graduate thesis of SYSU** (7/175)   2021

SERVICES
- Reviewer for ACL'22.

SKILLS
- Tensorflow/Pytorch   • Python/C/C++/JavaScript
- Chinese (native)   • English (fluent)