

Zijing Ou

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EDUCATION	Sun Yat-sen University (SYSU), China <i>B.S. in Software Engineering</i> School of Computer Science and Engineering Core Courses: 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%)	Sept. 2017 - Present GPA: 3.9/4.0
RESEARCH INTERESTS	My research interests lie in the general area of machine learning, particularly in Bayesian statistics, deep latent variable model, graph structure learning and their applications on natural language.	
SELECTED PUBLICATIONS	NAACL 2021: Zhengxu Hou, Bang Liu, Ruihui Zhao, Zijing Ou , Yafei Liu, Xi Chen and Yefeng Zheng: <i>Imperfect also Deserves Reward: Multi-Level and Sequential Reward Modeling for Better Dialog Management</i> . North American Chapter of the Association for Computational Linguistics, 2021. WSDM 2021: Yuanzhen Xie, Zijing Ou , Liang Chen, Yang Liu, Kun Xu, Carl Yang and Zibin Zheng: <i>Learning and Updating Node Embedding on Dynamic Heterogeneous Information Network</i> . 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: <i>Embedding Dynamic Attributed Networks by Modeling the Evolution Processes</i> . International Conference on Computational Linguistics, 2020. [PDF] IJCAI 2019: Jing Song, Hong Shen, Zijing Ou , Junyi Zhang, Teng Xiao, Shangsong Liang: <i>ISLF: Interest Shift and Latent Factors Combination Model for Session-based Recommendation</i> . International Joint Conference on Artificial Intelligence, 2019. [PDF]	
RESEARCH EXPERIENCES	Tencent Jarvis Lab Research Intern, Tencent Jarvis Lab , Shenzhen, China Mentor: Yefeng Zheng 1. Semantic Hashing (Submitted to ACL'21) 2. RL-based Dialog Management System (Published in NAACL'21) 3. Structural Reading Path Generation (Submitted to KDD'21)	May. 2020 - Present
	Artificial Intelligence Summer Camp Deecamp 2019 , Virtual Image Robot Group, Beijing, China Organizer: Kai-Fu Lee , Tong Zhang	July. 2019 - Aug. 2019

Host institution: **Sinovation Ventures**

1. Lip Reasoning of Virtual Image Robot

code: **Virtual Image Robot** video: **VBOT**

Sun Yat-sen University

Sept. 2018 - Present

Research Intern, School of Computer Science and Engineering

Advisor: **Qinliang Su**

1. Contrastive Information Bottleneck (Submitted to IJCAI'21)

2. Dynamic Network Embedding (Published in COLING'20)

3. Dynamic Heterogeneous Network Embedding (Published in WSDM'21)

ACHIEVEMENTS

- **National Scholarship** top 2% 2018
- **First-class Scholarship for Excellent Students of SYSU** top 5% 2018
- **Second-class Scholarship for Excellent Students of SYSU** top 15% 2019
- **The First Academic Innovation Award of SYSU** 2/175 2019

SKILLS

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