

# Li Sun (Ph.D. of Computer Science)

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<b>AFFILIATION</b>	<b>North China Electric Power Univ., Beijing, China</b> Assistant Professor at School of Control and Computer Engineering	Jul., 2021-
<b>RESEARCH INTEREST</b>	Data Mining and Machine Learning (with special attentions to <b>Graphs</b> and <b>Riemannian Representation Learning</b> ).	
<b>EDUCATION</b>	<b>Beijing Univ. of Posts and Telecomm., China</b> Ph.D. of Computer Science, Advisor: Prof. Sen Su & Associate Prof. Zhongbao Zhang Dissertation: Research on Social Network Alignment	Sep., 2016 - Jun., 2021
	<b>Univ. of Illinois at Chicago, IL, USA</b> Visiting Ph.D. Student, Advisor: Prof. Philip S. Yu (Fellow of ACM & IEEE) Research Topic: Non-Euclidean Representation Learning	Sep., 2019 - Aug., 2020
	<b>Beijing Univ. of Posts and Telecomm., China</b> Sino-UK Joint Programme with Queen Mary Univ. of London B.Sc. of Internet of Things <b>Ranking: 1/112</b>	Sep., 2012 - Jul., 2016
<b>ACADEMIC SERVICES</b>	<b>Program Committee</b> AAAI Conference on Artificial Intelligence 2023, 2022, 2021 ACM SIGKDD Conference on Knowledge Discovery and Data Mining 2022 ACM International Conference on Web Search and Data Mining 2022 International Joint Conference on Artificial Intelligence 2021 European Conference on Artificial Intelligence 2020	
	<b>Reviewer</b> ACM Transactions on Web (TWEB) 2022-	
<b>FUNDINGS</b>	<b>National Natural Science Foundation of China</b> <b>Young Scholar:</b> Dynamic Social Network Representation & Alignment	2023 - 2025
	<b>Fundamental Research Funds for the Central Universities</b> <b>General Project:</b> Social Network Fusion with Riemannian GNNs	2022 - 2024
<b>SELECTED PUBLICATIONS</b>	<b>Li Sun</b> , Zhongbao Zhang, Jian Wen, Feiyang Wang, Sen Su and Philip S. Yu. Aligning Dynamic Social Networks: An Optimization over Dynamic Graph Autoencoder, IEEE Transactions on Knowledge and Data Engineering ( <b>TKDE</b> ), 2022.	
	<b>Li Sun</b> , Zhongbao Zhang, Junda Ye, Hao Peng, Jiawei Zhang, Sen Su and Philip S. Yu. A Self-supervised Mixed-curvature Graph Neural Network. AAAI Conference on Artificial Intelligence ( <b>AAAI</b> ), 2022. Acceptance rate: 15%, Oral, pp. 4146-4155.	
	<b>Li Sun</b> , Junda Ye, Hao Peng and Philip S. Yu. A Self-supervised Riemannian GNN with Time Varying Curvature for Temporal Graph Learning. ACM International Conference on Information and Knowledge Management ( <b>CIKM</b> ), 2022.	
	<b>Li Sun</b> , Zhongbao Zhang, Jiawei Zhang, Feiyang Wang, Hao Peng, Sen Su and Philip S. Yu. Hyperbolic Variational Graph Neural Network for Modeling Dynamic Graphs, AAAI Conference on Artificial Intelligence ( <b>AAAI</b> ), 2021. Oral, pp. 4375-4383.	
	<b>Li Sun</b> , Zhongbao Zhang, Jiawei Zhang, Feiyang Wang, Yang Du, Sen Su, and Philip S. Yu. Perfect: A Hyperbolic Embedding for Joint User and Community Alignment,	

IEEE International Conference on Data Mining (**ICDM**), 2020. Acceptance rate: 10%, Oral, pp. 501-510.

Feiyang Wang<sup>†</sup>, Zhongbao Zhang, **Li Sun**, Junda Ye, Yang Yan. DiriE: Knowledge Graph Embedding with Dirichlet Distribution. ACM The Web Conference (**WWW**), 2022.

Yingtong Dou, Zhiwei Liu, **Li Sun**, Yutong Deng, Hao Peng and Philip S. Yu. Enhancing Graph Neural Network-based Fraud Detectors against Camouflaged Fraudsters, ACM International Conference on Information and Knowledge Management (**CIKM**), 2020, pp. 315-324.

Zhongbao Zhang, **Li Sun**, Sen Su, Jielun Qu, Gen Li and Jielun Qu. Reconciling Multiple Social Networks Effectively and Efficiently: An Embedding Approach, IEEE Transactions on Knowledge and Data Engineering (**TKDE**), 2019.

Sen Su, **Li Sun**, Zhongbao Zhang, Gen Li and Jielun Qu. MASTER: across Multiple social networks, integrate Attribute and SStructure Embedding for Reconciliation, International Joint Conference on Artificial Intelligence (**IJCAI**). Oral paper, 2018.

Notes: <sup>†</sup> denotes the student advised by me, and \* denotes equal contribution.

<b>SELECTED HONORS</b>	<b>Outstanding Postgraduate of Beijing National Scholarship (Ph.D.)</b>	2021 2019
	<b>Outstanding Postgraduate, Beijing Univ. of Posts &amp; Telecomm.</b>	2018, 2019
	<b>First Class Degree, Queen Mary Univ. of London</b>	2016
	<b>Outstanding Graduate of Beijing</b>	2016
	<b>National Scholarship (Two Successive Years)</b>	2014, 2015
	<b>First Class Scholarship, Beijing Univ. of Posts &amp; Telecomm.</b>	2013
<b>STUDENT MENTORING</b>	Wang, Feiyang (2019 - present)	
	Ye, Junda (2020 - present)	
	Hu, Jingbin (2022 - present)	
<b>ACADEMIC ACTIVITIES</b>	Give a talk on <i>Non-Euclidean Graph Neural Networks and its Applications</i> at Hebei University of Technology, Tianjin.	Dec., 2021
	Give a talk on <i>Riemannian Graph Neural Networks</i> at AI TIME of Tsinghua University.	Feb., 2022
<b>CERTIFICATES</b>	<b>RHCE:</b> RedHat Certificated Engineer	2014
	<b>H3CSE:</b> H3C Certified Senior Engineer for Routing & Switching	2014
<b>SHORT BIO</b>	Dr. Sun, Li is currently an assistant professor at North China Electric Power University, Beijing. He received the Ph.D. Degree in Computer Science from Beijing University of Posts and Telecommunications in 2021 supervised by Prof. Su, Sen, and visited University of Illinois at Chicago advised by Prof. Philip. S. Yu (ACM/IEEE Fellow). His research areas are machine learning and data mining with special attentions to graphs and Riemannian representation learning. He has published in AAI, IJCAI, WWW, ICDM, CIKM and IEEE TKDE, ACM TWEB. He is the winner of NSFC young scholar fund 2022. He has been invited as program committee in KDD, WSDM, AAI, IJCAI, ECAI and conference committee in IEEE BigData, and served as reviewer in ACM TWEB, IJMLC.	
<b>REFERENCE</b>	<b>Available upon request.</b>	