

Yun Li

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- Biography** I am currently a second-year Ph.D. candidate at School of Computer Science and Engineering, University of New South Wales (UNSW), Australia. I am currently supervised by Prof. Lina Yao. Prior to that, I received my Master's and Bachelor's degree (in 2019 and 2016 respectively) from Nanjing University (NJU), China. My research interests lay in Data mining, Deep Learning, and Reinforcement Learning with focusing applications on Transfer Learning, Human Genetic Analytics, and Human Healthcare improving.
- EDUCATION**
- | | |
|--|-----------------|
| PhD in Computer Science and Engineering | 2019.10 - now |
| Data Dynamics Group, University of New South Wales. | |
| Master in Computer Science | 2016.9 - 2019.6 |
| Intelligent Information Processing Group, Nanjing University. GPA:3.61/4. | |
| Bachelor in Computer Science Major with Finance Minor | 2012.9 - 2016.6 |
| Department of Computer Science and Technology, Nanjing University. GPA:4.22/5. | |
- PUBLICATION** **Accepted Paper (* indicates equal contributions):**
- [1] Zhe Liu, Lina Yao, Xianzhi Wang, Jessica Monaghan, Roland Schaette, **Yun Li**, Zihuai He, and David McAlpine, Generalizable Sample-efficient Siamese Autoencoder for Hidden Hearing Loss Diagnosis in Listeners with Subjective Tinnitus, IEEE Transactions on Neural Systems and Rehabilitation Engineering (TNSRE), 2021 (to appear).
 - [2] Zhe Liu, **Yun Li**, Lina Yao, Xianzhi Wang, and Feiping Nie. "Agglomerative Neural Networks for Multi-view Clustering"[J], TNNLS, 2021. (SJR Q1)
 - [3] Zhe Liu, **Yun Li***, Lina Yao, Xianzhi Wang, and Guodong Long. "Task Aligned Generative Meta-learning for Zero-shot Learning"[C], AAAI, 2021. (Core Rank A*)
 - [4] **Yun Li**, Zhe Liu, Lina Yao, Zihuai He. "Non-local Self-attentive Autoencoder for Genetic Functionality Prediction"[C], CIKM, 2020. (Core Rank A)
 - [5] **Yun Li**, Yixiang Fang, Reynold Cheng, Wenjie Zhang. "Spatial pattern matching: A new direction for finding spatial objects"[J], SIGSPATIAL Special, 2019, 11(1): 3-12.
 - [6] Yixiang Fang, **Yun Li**, Reynold Cheng, Nikos Mamoulis, Gao Cong. "Evaluating Pattern Matching Queries for Spatial Databases"[J], The VLDB Journal, 2019, 28(5): 649-673 (SJR Q1)
 - [7] Yixiang Fang, Reynold Cheng, Gao Cong, Nikos Mamoulis, **Yun Li**. "On Spatial Pattern Matching"[C], ICDE, 2018. [online demo] (Core Rank A*)
 - [8] Hengyang Lu, **Yun Li**, Chi Tang, Chongjun Wang and Junyuan Xie. "Constructing Pseudo Documents with Semantic Similarity for Short Text Topic Discovery"[C], ICONIP, 2018. (Core Rank A)

[9] Yankai Chen, Yixiang Fang, Reynold Cheng, and **Yun Li**, Xiaojun Chen, Jie Zhang. “ Exploring Communities in Large Profiled Graphs ”[J], TKDE, 2018. (SJR Q1)

Under Review (* indicates equal contributions):

[10] **Yun Li**, Zhe Liu, Lina Yao, Xianzhi Wang, and Can Wang. “ Attribute-Modulated Generative Meta Learning for Zero-Shot Classification and Generalized Zero-shot Learning ” [C] Submitted to ACM Multimedia (ACM MM 2021) (Core Rank A*)

[11] **Yun Li**, Zhe Liu, Lina Yao, Chaoran Huang, and Xianzhi Wang. “ ERPCNet: Entropy-guided Reinforced Partial Convolutional Network for Zero-Shot Learning ” [C] Submitted to Special Interest Group on Knowledge Discovery and Data Mining (NeurIPS 2021) (Core Rank A*)

[12] Zhe Liu, **Yun Li***, Lina Yao. “ Rethink, Revisit, Revise: Spiral Reinforced Self-Revised Learning for Zero-Shot Learning ”[C], Submitted to Thirty-fifth Conference on Neural Information Processing Systems (NeurIPS 2021) (Core Rank A*)

[13] Xiaocong Chen, **Yun Li**, Lina Yao, Ehsan Adeli, and Yu Zhang. “ Generative Adversarial U-Net for Domain-free Medical Image Augmentation ”[J], Submitted to Pattern Recognition Letters (SJR Q1)

Professional Services

Reviewer, ACM Transactions on Sensor Networks (TOSN),2021.
 External reviewer, Association for the Advancement of Artificial Intelligence (AAAI) 2021.
 External reviewer, Conference on Information and Knowledge Management (CIKM) 2020.
 External reviewer, Knowledge Discovery in Databases (KDD) 2020.
 External reviewer, IEEE Transactions on Knowledge and Data Engineering (TKDE) 2019.

Selected HONORS

CIKM student travel grant, 2020
 UNSW Top-up Scholarship, 2020
 University International Postgraduate Award (UIPA), from 2019 to 2023
 First Prize of Academic Scholarships, Nanjing university, from 2016 to 2019
 Second Prize of People’s Scholarship Award, Nanjing University, 2015
 Outstanding Student, Nanjing University, 2014
 Excellent League Member Award, Nanjing University, 2014

Teaching Assistant Introduction to Java Programming, for undergraduate student. fall, 2016.