Contact Info	➡: yifeiacc@gmail.com, yfzhang@cse.cuhk.edu.hk		
Research	My research generally focuses on developing machine rithms applied to graph-structured data. I have worke ing generalized graph neural networks that are scalable datasets, with applications in recommender systems, N	learning algo- d on develop- e to web-scale LP.	
Education	<ul> <li>The Chinese University of Hong Kong</li> <li>Ph.D. candidate, Dept. of Comp. Sci. &amp; Eng.</li> <li>Advised by Prof. Irwin King (Chairman, IEEE fellow)</li> <li>The Australian National University</li> </ul>	Aug. 2020 - July 2024 (Excepted) HongKong, China July 2016 - July 2018	
	<ul> <li>MPhil. Student in Computer Science</li> <li>ZhengZhou University</li> <li>B.Eng. Student in Electrical Engineering</li> </ul>	Canberra, Australia Sep. 2012 - July 2016 ZhengZhou, China	
Experience	Alibaba Group Senior Applied Machine Leaning Engineer (full-time) JD.com Applied Machine Leaning Engineer(full-time) Data61 Research Intern	Hangzhou, China May 2019 - Aug. 2020 July 2018-May 2019 Beijing, China Canberra, Australia Nov. 2016 - Mar. 2017	
Preprints & Workshop	[1] Zhang Y., Zhu, H., Song, Z., Koniusz, P. and King, I., 2022, Aug. SFA: Spectral Feature augmentation for Graph Contrastive Learning. Submitted to (NeurIPS'22).		
	[2] Chen, Y., Zhang, Y., Zhang, Y., Guo, H., Li, J., Tang, R., He, X. and King, I., 2021. Towards Low-loss 1-bit Quantization of User-item Representations for Top-K Rec- ommendation. arXiv preprint. arXiv:2112.01944. Submitted to (ICDE'22)		
	[3] Zhang, Y. and Zhu, H. Deep Neural Network for Asymmetrically Collaborative Ma- chine Learning with Additively Homomorphic Encryption. In The 1st International Workshop on Federated Machine Learning for User Privacy and Data Confiden- tiality (IJCAI'19). Solutions have been included in <i>FATE</i> , an industry level open source library for federated learning. See <i>this</i> for detail		
Conference Publications	[4] Zhang Y., Zhu, H., Meng, Z., Koniusz, P. and King, I., 2022, Aug. COSTA: Co- variance Preserved Feature Augmentation for Graph Contrastive Learning. In Sigkdd Conference on Knowledge Discovery and Data Mining.[14.9% acceptance, 254/1695] (KDD'22).		
	[5] Song, Z., Zhang, Y., and King, I, 2022, Aug. Towards an Optimal Asymmetric Graph Structure for Robust Semi-supervised Node Classification. In Sigkdd Conference on Knowledge Discovery and Data Mining[14.9% acceptance, 254/1695] (KDD'22).		
	[6] Zhang Y., Zhu, H., Meng, Z., Koniusz, P. and King, I., 2022, April. Graph-adpative Rectified Linear Unit for Graph Neural Networks. In Proceedings of The Web Conference 2022. [17.7% of acceptance, 232/1822] (WWW'22).		
	[7] Song, Z., Meng, Z., Zhang, Y., & King, I. (2021, October). Semi-supervised Multi-label Learning for Graph-structured Data. In Proceedings of the 30th ACM Interna- tional Conference on Information & Knowledge Management. [21.7% acceptance (271/1251)] (CIKM'21)		
	[8] Zhang, Y. and Zhu, H., (2020, May). Discrete Wasse Retrieval. In 2020 IEEE International Conference Processing. (ICASSP'20)	erstein Autoencoders for Document e on Acoustics, Speech and Signal	

	[9] Zhang, Y. and Zhu, H., (2019, June). Doc2hash: Learning Discret for Documents Retrieval. In Proceedings of the 2019 Conference ican Chapter of the Association for Computational Linguistics: Technologies. [26.3% acceptance (281/1067)](NAACL'19).	te Latent variables of the North Amer- Human Language
	[10] Rizoiu, M. A., Graham, T., Zhang, R., Zhang, Y., Ackland, R., Xi #DebateNight: The Role and Influence of Socialbots on Twitter I US Presidential Debate. In Twelfth International AAAI Confect Social Media. (ICWSM'18)	ie, L. (2018, June). During the 1st 2016 rence on Web and
Teaching	CSCI3150: Computer Science and Society	Spring 2022
	CSCI5650: Graph Neural Networks (Graduated-Level Course)	Autumn 2021
	CSCI3150: Computer Science and Society	Spring 2021
	CSCI1130: Introduction to Computing Using Java	Autumn 2020
Academia Services	<ul> <li>Reviewer for conferences: NeurIPS'22, PAKDD'22, ECCV'22, FWWW'22, AAAI'21, CIKM'21, NIPS'21, IJCAI'21.</li> <li>Reviewer for journals: TKDE, Neurocomputing,</li> </ul>	CML'22, ICCV'22,
Selected Honors & Awards	<ul> <li>Hong Kong Postgraduate Studentships Award (CUHK)</li> <li>CECS Dean's List(ANU)</li> <li>Notional Scholarship Award (ZZU)</li> </ul>	Autumn 2020 Autumn 2018 Autumn 2015