

Chunhui Zhang

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Personal Page

EDUCATION & EXPERIENCE	<i>Ph.D. student, Computer Science</i> Brandeis University, Waltham, Massachusetts, US the Michtom School of Computer Science Advisors: Prof. Chuxu Zhang	Sep. 2021 - Present
	<i>B.S., Computer Science</i> Northeastern University, Qinhuangdao, China School of Computer and Communication Engineering GPA: 89.02/100.00	Sep. 2017 - Jun. 2021
	Research Assistant the Chinese University of Hong Kong, China Shenzhen Research Institute of Big Data (SRIBD) Advisors: Prof. Lei Cheng, Prof. Zhen Li Work on neural architecture search and medical image segmentation	Mar. 2019-Aug. 2021
RESEARCH INTEREST	<ul style="list-style-type: none">• Efficient Machine Learning• Graph Neural Network• Representation Learning	
PAPER	<ul style="list-style-type: none">• Jiele Wu, Chunhui Zhang, Zheyuan Liu, Erchi Zhang, Steven Wilson, and Chuxu Zhang. GraphBERT: Bridging Graph and Text for Malicious Behavior Detection on Social Media, <i>IEEE International Conference on Data Mining (ICDM)</i>, 2022.• Chunhui Zhang, Chao Huang, Youhuan Li, Xiangliang Zhang, Yanfang Ye, and Chuxu Zhang. Look Twice as Much as You Say: Scene Graph Contrastive Learning for Self-Supervised Image Caption Generation, <i>ACM International Conference on Information and Knowledge Management (CIKM)</i>, 2022.• Chunhui Zhang[*], Yongyuan Liang[*], Yifan Jiang[*]. AdaSearch: Many-to-One Unified Neural Architecture Search via A Smooth Curriculum, <i>AAAI-22 Workshop: Learning Network Architecture During Training</i>.• Chunhui Zhang, Xiaoming Yuan, Qianyun Zhang, Guangxu Zhu, Lei Cheng, and Ning Zhang. Towards Tailored Models on Private AIoT Devices: Federated Direct Neural Architecture Search, <i>IEEE Internet of Things Journal (IoTJ)</i>, Feb. 2022.• Qin Wang, Weibing Zhao, Chunhui Zhang, Liye Zhang, Changmiao Wang, Zhen Li, Shuguang Cui, Guanbin Li. 3d Enhanced Multi-scale Network For Thoracic Organs Segmentation, <i>IEEE International Symposium on Biomedical Imaging Challenge</i>, 2019	
SKILLS	Programming Skills: C++, Python, PyTorch, MATLAB, Java Operating System: Linux	
ACTIVITIES	<ul style="list-style-type: none">• Conference reviewer for NeurIPS2022, CIKM2022, ICDM2022, IEEE HPCC2020• Journal reviewer for IEEE Transactions on Network Science and Engineering, Neurocomputing	

AWARDS

- CIKM Travel Grant Award 2022

Latest Update: Sep. 2022