Chunhui Zhang

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Volen Center, Brandeis University, 415 South St, Waltham, MA 02454

EDUCATION & EXPERIENCE

Ph.D. student, Computer Science   Sep. 2021 - Present
Brandeis University, Waltham, Massachusetts, US
the Michtom School of Computer Science
Advisors: Prof. Chuxu Zhang

B.S., Computer Science   Sep. 2017 - Jun. 2021
Northeastern University, Qinhuangdao, China
School of Computer and Communication Engineering
GPA: 89.02/100.00
Rank 5/220 for the previous two years.

Research Assistant   Mar. 2019-Aug. 2021
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

RESEARCH INTEREST

- Efficient Machine Learning
- Graph Neural Network
- Representation Learning

PAPER

- **Chunhui Zhang**⋆, Yongyuan Liang⋆, Yifan Jiang⋆. AdaSearch: Many-to-One Unified Neural Architecture Search via A Smooth Curriculum, *AAAI-22 Workshop: Learning Network Architecture During Training.*
- 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, *IEEE Internet of Things Journal (IOTJ)*, Feb. 2022.
- Qin Wang, Weibing Zhao, Chunhui Zhang, Liyue Zhang, Changmiao Wang, Zhen Li, Shuguang Cui, Guanbin Li. 3d Enhanced Multi-scale Network For Thoracic Organs Segmentation, *IEEE International Symposium on Biomedical Imaging Challenge*, 2019

SKILLS

Computing Skills: C++, Python, PyTorch, MATLAB, Java
Operating System: Linux

ACTIVITIES

- Conference reviewer for IEEE HPCC-2020
- Journal reviewer for IEEE Transactions on Network Science and Engineering