

Jiaxu Cui (崔佳旭)

(Ph.D. Candidate)

Gender: male

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College of Computer Science and Technology, Jilin University, Changchun 130012, China.

Education Background

2016 – present: Ph.D.S. major in Computer Software and Theory, College of Computer Science and Technology, Jilin University (JLU), China. Supervisor: Prof. **Bo Yang**

2013 – 2016: M.S. major in Software Engineering, Software College of Jilin University(JLU), China. Supervisor: Prof. **Yonggang Zhang**

2009 – 2013: B.S. major in Software Engineering, Software College of Jilin University (JLU), China.

Research Interests

Bayesian Optimization, Network Representation Learning, Graph Generation Models, Constraint Satisfaction Problem

Research Experience

2019.08 – 2020.06: Visited Prof. Jiming Liu's group at Hong Kong Baptist University as an exchange student.

2018.07 – 2018.10: Visited Dr. Xia Hu's group at Texas A&M as a visiting student.

2016 – present: Deep Bayesian Optimization on Graphs/Networks

Honors & Scholarships

2009-2010, 2011-2012 Academic Scholarship.

2018 First prize at the 11th Ph.D. Academic Forum of Jilin University.

Selected Publications

[1]. **Jiaxu Cui**, Bo Yang, Bingyi Sun, Xia Hu and Jiming Liu. Scalable and Parallel Deep Bayesian Optimization on Attributed Graphs. *IEEE Transactions on Neural Networks and Learning Systems*, *accepted* (Q1, CCF B)

[2]. **Jiaxu Cui**, Bo Yang and Xia Hu. Deep Bayesian Optimization on Attributed Graphs. *AAAI 2019*. (Acceptance rate: 16.2%, CCF A)

[3]. **Jiaxu Cui**, Bo Yang. Survey on Bayesian Optimization Methodology and Applications. *Ruan Jian Xue Bao/Journal of Software*, 2018,29(10), (in Chinese).

[4]. Lizheng Ma, **Jiaxu Cui**, Bo Yang. Deep Neural Architecture Search with Deep Graph Bayesian Optimization. *WI 2019 Special Session on AI for Social Good in the Connected World*, 2019.

[5]. Xiaohui Wei, Bingyi Sun, **Jiaxu Cui**, Gaochao Xu. A Multi-Objective Compounded Local Mobile Cloud Architecture Using Priority Queues to Process Multiple Jobs. *Plos One*, 2016, 11(7): e0158491.

[6]. Xitong Wang, Yonggang Zhang and **Jiaxu Cui**. The Adaptive ETLBO Algorithms with K-Armed Bandit Model. *KSEM 2018*. (CCF C)

Skills

- Proficient in C/C++/Java/Python/Matlab

Quality & Personality

- Honest & responsible & curious.
- Quick to accept new things.
- Like to communicate.