

BAI, HAOLI

HOME PAGE: haolibai.github.io
(+852) 5531 8737 ✦ hlbai@cse.cuhk.edu.hk
Rm 101A, SHB, CUHK, Hong Kong.

EDUCATION

University of Electronic Science and Technology of China
BEng in Computer Science
Yingcai Honor's College

Sep. 2013 - Jun. 2017
Overall GPA: 3.93/4.00
Ranking: 2/87

The Chinese University of Hong Kong
PhD in Computer Science and Engineering

Aug. 2017 - Present

RESEARCH INTEREST

Network Compression, Neural Architecture Search, Bayesian Learning

PROJECTS

1. PocketFlow: An Automated Framework for Compressing and Accelerating Deep Neural Networks.
<https://github.com/Tencent/PocketFlow/>. Stars: **2200+**.
I am one of the three main contributors, in charge of developing quantization module.

SELECTED PUBLICATIONS

1. **Haoli Bai**, Jiaxiang Wu, Irwin King and Michale Lyu, Few Shot Network Compression via Cross Distillation, AAAI 2020.
2. Jiaxing Wang, Jiaxiang Wu, **Haoli Bai**, Jian Cheng, MetaNAS: Meta Neural Architecture Search, AAAI 2020.
3. Yuhang Li, Xin Dong, Saiqian Zhang, **Haoli Bai**, Yuanpeng Chen, Wei Wang, RTN: Reparameterized Ternary Network, AAAI 2020.
4. Liangjian Wen, Xuanyang Zhang, **Haoli Bai**, Zenglin Xu, Structured Pruning of Recurrent Neural Networks through Neuron Selection, to appear in Neural Networks, 2020.
5. **Haoli Bai**, Zhuangbin Chen, Michael Lyu, Irwin King and Zenglin Xu. Neural Relational Topic Models for Scientific Articles, Proceedings of The 27th International Conference on Information and Knowledge Management (CIKM), 2018.

SELECTED AWARDS

AAAI Student Travel Grant of AAAI 2020.

ACM Student Travel Grant of CIKM 2018.

Best Student Paper Runner-up of Asian Conference on Machine Learning, 2016.

National Scholarship in 2015, top 1% in the grade.

Tanglixin Scholarship in 2015, top 3% in the grade.

First Provincial Prize of National Mathematical Contest in Modeling in 2015.

TECHNICAL STRENGTHS

Deep Learning Frameworks
Developing Tools

Tensorflow, PyTorch
Vim, Git