

Bin Gao

☎ +65-84997688 • ✉ bingao.cs@gmail.com • [in](#) [csbingao](#)
🌐 [csbingao](#)

Education

National University of Singapore <i>PhD, Computer Science</i>	Singapore <i>2021–present</i>
Huazhong University of Science and Technology <i>Master, Computer Architecture</i>	Wuhan, China <i>2017–2020</i>
Huazhong University of Science and Technology <i>Bachelor, Computer Science and Technology</i>	Wuhan, China <i>2013–2017</i>

Research Interests

Computer Architecture/Networks, Machine Learning System, Mobile Edge Computing, Geo-distributed Data Analytics

Experience

National University of Singapore <i>Research Assistant</i>	Singapore <i>Dec. 2020–Aug. 2021</i>
Noah's Ark Lab of Huawei <i>Research Assistant</i>	Shenzhen, China <i>July. 2020–Nov. 2020</i>
Key Lab of Services Computing Technology and System <i>Research Assistant</i>	Wuhan, China <i>2017–2020</i>

Projects

(1) VEGA: (450+ stars)

Site: <https://github.com/huawei-noah/vega>

Description: Full pipeline automatic machine learning toolchain.

(2) Fast Threadpool:

Site: <https://isrc.iscas.ac.cn/gitlab/summer2020/students/proj-2021207>

Description: A fast thread pool for docker platform, iSulad.

(3) SparkGDA:

Site: <https://github.com/bingaox/SparkGDA>

Description: A cost and performance efficiency Spark scheduler for geo-distributed data analytics.

Publications

[1] **Bin Gao**, Zhi Zhou, Fangming Liu, Fei Xu, "Winning at the Starting Line: Joint Network Selec-

tion and Service Placement for Mobile Edge Computing", in the Proceedings of IEEE INFOCOM, Paris, France, 2019. **(CCF A)**

[2] **Bin Gao**, Zhi Zhou, Fangming Liu, Fei Xu, Bo Li, "An Online Framework for Joint Network Selection and Service Placement in Mobile Edge Computing", IEEE Transaction on Mobile Computing (TMC), 2021 **(CCF A)**

[3] Guohao Ying, Xin He, **Bin Gao**, Xiaowu Chu, Bo Han. "EAGAN: Efficient Multi-objective Evolutionary Architecture Search For GANs", on arXiv.

Honors

Excellent Graduate

Huazhong University of Science and Technology *June 2020*

National Scholarship

Ministry of Education of the People's Republic of China *Oct. 2019*

Merit Student

Huazhong University of Science and Technology *Oct. 2019*

Huawei Scholarship

Huawei Technologies Co., Ltd. *Dec. 2018*

Excellent Student Cadre

Huazhong University of Science and Technology *Oct. 2018*

First-class Academic Scholarship

Huazhong University of Science and Technology *2017-2020*

Excellent Graduate

Huazhong University of Science and Technology *June 2017*

National Encouragement Scholarship

Ministry of Education of the People's Republic of China *Oct. 2016*

Teaching

CS2106 Operating System, Teaching Assistant *2022, Sem2*

Languages

Chinese: Native

English: Business Level

Hobbies

o Music, Cycling, History