Bin Gao

📱 +65-84997688 • ✉ bingao.cs@gmail.com • **in** csbingao

 csbingao

Education

Huazhong University of Science and Technology   **Wuhan, China**
Master, Computer Architecture   *2017–2020*

Huazhong University of Science and Technology   **Wuhan, China**
Bachelor, Computer Science and Technology   *2013–2017*

Research Interests

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

Experience

National University of Singapore   **Singapore**
Research Assistant   *Dec. 2020–Present*

Noah's Ark Lab of Huawei   **Shenzhen, China**
Research Assistant   *July. 2020–Nov. 2020*

Key Lab of Services Computing Technology and System   **Wuhan, China**
Research Assistant   *2017–2020*

Projects

(1) VEGA:
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 Selection and Service Placement for Mobile Edge Computing", in the Proceedings of IEEE INFOCOM, Paris, France, 2019. **(Rank 1, Citation: 43)**

[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) **(Rank 1, to appear)**

[3] **Bin Gao**, Zhi Zhou, Fangming Liu, Fei Xu, "Joint Server Provisioning and Task Placement for Geo-distributed Analytics on the Public Cloud", Submitted to Transaction on Cloud Computing (TCC). Under review.

[4] Guohao Ying, Xin He, Minyu Chu, **Bin Gao**. "EAGAN: Efficient Multi-objective Evolutionary Architecture Search For GANs" Submitted to IJCAI 2021, under review.

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*

Languages

Chinese: Native
English: Business Level

Hobbies

o Music, Cycling, History