

Haodong Zou(邹浩东)

Hometown: Anhui Province, China

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Education:

2014.09-2018.06 Anhui University, Software Engineering, bachelor's degree (Project **211**)

2018.09-2021.06 Anhui University, Computer Science and Technology, master's degree

2021.09-Now Beijing Normal University-Hong Kong Baptist University United International College,
Computer Science and Technology, Ph.D. candidate (supervised by Prof. **Tian Wang**)

Research:

- Collaborative Edge Computing, Edge intelligence, Video Analysis on Edge Device.
- Cellular/Wi-Fi Network Coexistence.

Publications:

- **Zou H**, Li Y, Chu X, et al. Improving Fairness in Coexisting 5G and Wi-Fi Network on Unlicensed Band with URLLC[C]//2023 IEEE/ACM 31st International Symposium on Quality of Service (IWQoS). IEEE, 2023. (CCF B)
- **Zou H**, Li Y, Zeng J, et al. Fine-Grained Service Alive Time Optimization for Energy-Efficient Collaborative Edge Computing. **Under Review**.
- **Zou H**, Li Y, Chu X, et al. A Transmission Revoking Enabled Reinforcement Learning Framework for Fair Coexistence of 5G NR and Wi-Fi under URLLC Constraints. **Under Review**.
- **Zou H**, Duan Z, Guo X, et al. On Embedding Sequence Correlations in Attributed Network for Semi-Supervised Node Classification[J]. Information Sciences, 2021, 562: 385-397. (CCF B)
- Duan Z, **Zou H**, Min X, et al. An adaptive granulation algorithm for community detection based on improved label propagation[J]. International Journal of Approximate Reasoning, 2019, 114: 115-126. (CCF B)

Patent:

- 王田, 邹浩东, 范文涛, 一种基于服务存活时长优化的协作边缘计算方法, 申请中。

Ability:

- ✓ Edge device configuration (Nvidia Jetson), such as components assembling, system burning, and software environment deployment.
- ✓ Quick secondary development on deep learning models based on PyTorch, Tensorflow, etc.
- ✓ Project writing experience of national natural science foundation of China, as main contributor.
- ✓ Conducting independent academic research and writing research manuscripts.
- ✓ Self-motivated and enthusiastic personality, being able to work under pressure.