

Runzhou Han

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Research Interests

- Reliability issues in large-scale storage systems
- Serverless computing
- Data provenance

Education

- **Iowa State University:** *Sept.2019-now*
Ph.D., Computer Engineering, advised by **Dr. Mai Zheng**.
- **Boston University:** *Sept.2017-Jan.2019*
Master of Science, Electrical and Computer Engineering.
- **Wuhan University:** *Sept.2013-July.2017*
Bachelor of Science, Physics.

Publication

- [1] **A Study of Failure Recovery and Logging of High-Performance Parallel File Systems**
Runzhou Han, Om R. Gatla, Mai Zheng, Jinrui Cao, Di Zhang, Dong Dai, Yong Chen, Jonathan Cook.
To appear in ACM Transactions on Storage (TOS), 2021,
- [2] **SentiLog: Anomaly Detecting on Parallel File Systems via Log-based Sentiment Analysis**
Di Zhang, Dong Dai, Runzhou Han, Mai Zheng.
Proceedings of the 13th ACM Workshop on Hot Topics in Storage and File Systems (HotStorage), July 2021.
Best paper nominee!
- [3] **Fingerprinting the Checker Policies of Parallel File Systems**
Runzhou Han, Duo Zhang, Mai Zheng.
IEEE/ACM Fifth International Parallel Data Systems Workshop (PDSW), Nov 2020.
- [4] **On Failure Diagnosis of the Storage Stack**
Duo Zhang, Om R. Gatla, Runzhou Han, Mai Zheng.
12th USENIX Workshop on Hot Topics in Storage and File Systems (HotStorage-P), 2020.
- [5] **Sound-mediated stable configurations for polystyrene particles**
Mudi Wang, Chunyin Qiu, Shenwei Zhang, Runzhou Han, Manzhu Ke, Zhengyou Liu.
Physical Review E, 2017.

Employment

- Iowa State University** *Sept.2019-now*
- Research Assistant
 - Advisor: Dr. Mai Zheng
- Lawrence Berkeley National Labs, Berkeley, CA** *May.2021-August.2021*
- Research Intern
 - Advisor: Dr. Suren Byna
- George Washington University** *Jun.2018-Aug.2018*
- Voluntary Research Intern
 - Advisor: Dr. Howie Huang, Dr. Yuede Ji

Selected Awards

- Student Grant, *FAST 2020*. *Feb.2020*
- Wendell Miller Scholarship, Iowa State University. *Sept.2019*