Fang Zhou

CONTACT INFORMATION

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RESEARCH INTERESTS

Distributed Systems, Performance Optimization, and Cloud Computing

EDUCATION

Ph.D. student Computer Science, The Ohio State University, Aug. 2015 - Present
• Advisor: Dr. Yang Wang
M.S., Computer Science, Auburn University, 2015
M.E., Computer Science and Technology, Harbin Institute of Technology, 2012
B.E., Computer Science and Technology, Central South University, 2010

HONORS AND REWARDS

Student Travel Grant, SOSP 2017, SOSP SRC 2017.
Woltosz Fellowship at Auburn University, 2013 - 2015
Scholarship at Harbin Institute of Technology, 2010 - 2012
Scholarship at Central South University, 2006 - 2010
Outstanding Freshman Scholarship at Central South University, 2006

REFERED PUBLICATIONS

Fang Zhou, Yifan Gan, Sixiang Ma, and Yang Wang. "wPerf: Generic Off-CPU Analysis to Identify Bottleneck Waiting Events". To appear in the 13th USENIX Symposium on Operating Systems Design and Implementation (OSDI 2018), Carlsbad, CA, October, 2018.

Fang Zhou. "wPerf: Identifying Critical Waiting in Multi-threaded Applications". Poster in ACM Student Research Competition (SRC 17) Held in Conjuction with Symposium on Operating Systems Principles (SOSP), Shanghai, China, November, 2017.

Fang Zhou, Hai Pham, Jianhui Yue, Hao Zou, and Weikuan Yu. "SFMapReduce: An optimized MapReduce framework for Small Files". The 12th International Conference on Networking, Architecture, and Storage (NAS), Boston, MA, August, 2015.

Changyun Miao, Fang Zhou, Chunqing Ye, and Jing Liu. "Design of an Ultrasonic Detecting System Based on LabVIEW". The 2nd International Congress on Image and Signal Processing (CISP), Shanghai, China, 2009.

POSTER AND TECHNICAL REPORTS

Fang Zhou. "wPerf: Identifying Critical Waiting in Multi-threaded Applications", Poster in ACM Student Research Competition (SRC 17) Held in Conjuction with Symposium on Operating Systems Principles (SOSP), Shanghai, China, November, 2017.

Fang Zhou, Huansong Fu, Kevin Vasko, and Weikuan Yu. "A New Large-Scale Cloud Image Processing Framework using MapReduce". Technical Report, Auburn University, 2015.

SELECTED PROJECTS

wPerf: A Tool to Help Identifying Bottleneck Waiting Events, 2016 - 2018.
SFMapReduce: An Optimized Framework for Small Files based on Hadoop, 2014 - 2015.