

Jing Liu

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Education

Ph.D. Candidate, Computer Science 2016.9 – now
University of Wisconsin, Madison
Advisors: Prof. Andrea Arpaci-Dusseau & Prof. Remzi Arpaci-Dusseau

B.Eng., Software Engineering 2012.9 – 2016.6
Nanjing University
GPA: 4.56/5.0, Rank: 1/238
Thesis: *Depth-aware layered edge for elastic RGB-D object proposal*

Professional Experience

University of Wisconsin, Madison, WI 2016.9 – now
Graduate Research Assistant
Advisors: Prof. Andrea Arpaci-Dusseau & Prof. Remzi Arpaci-Dusseau

Google, Madison, WI 2019.5 – 2019.8
Software Engineering Intern
Mentor: Dr. Marc De Kruijf

Microsoft Research, Redmond, WA 2018.5 – 2018.8
Research Intern
Mentor: Dr. Irene Zhang

State Key Laboratory for Novel Software Technology, Nanjing, China 2014.6 – 2016.5
Research Assistant
Advisor: Prof. Tongwei Ren

Nanjing University, Nanjing, China Spring 2016, Spring 2015
Teaching Assistant
Class: Operating System. Instructors: Prof. Bin Luo & Prof. Jidong Ge

Publications

1. **Jing Liu**, Andrea C. Arpaci-Dusseau, Remzi H. Arpaci-Dusseau, and Sudarsun Kannan. File Systems as Processes. In *11th USENIX Workshop on Hot Topics in Storage and File Systems (HotStorage)*, Renton, WA, 2019.
2. Irene Zhang, **Jing Liu**, Amanda Austin, Michael Lowell Roberts, and Anirudh Badam. Im Not Dead Yet! The Role of the Operating System in a Kernel-Bypass Era. In *Workshop on Hot Topics in Operating Systems (HotOS)*, Bertinoro, Italy, 2019.
3. Suli Yang, **Jing Liu**, Andrea C. Arpaci-Dusseau, and Remzi H. Arpaci-Dusseau. Principled Scheduling Analysis for Distributed Storage Systems using Thread Architecture Models In *Proceedings of the 13th Symposium on Operating System and Design Implementation (OSDI)*, CA, USA, 2018.
4. Ramnathan Alagappan, Aishwarya Ganesan, **Jing Liu**, Andrea Arpaci-Dusseau, and Remzi Arpaci-Dusseau. Fault-Tolerance, Fast and Slow: Exploiting Failure Asynchrony in Distributed Systems. In *Proceedings of the 13th Symposium on Operating System and Design Implementation (OSDI)*, CA, USA, 2018.

5. **Jing Liu**, Amanda Austin, Anirudh Badam, Irene Zhang. Demikernel: An Operating System Architecture for Hardware-Accelerated Datacenter Servers (poster). In *OSDI*, 2018.
6. **Jing Liu**, Tongwei Ren, Yuantian Wang, Sheng-Hua Zhong, Jia Bei, and Shengchao Chen. Object proposal on RGB-D images via elastic edge boxes. in *Neurocomputing (NEUCOM)*, 236:134-146, May, 2017.
7. **Jing Liu**, Tongwei Ren, Bingkun Bao and Jia Bei. Depth-aware Layered Edge for Object Proposal. In *Proceedings of IEEE International Conference on Multimedia and Expo (ICME)*, Seattle, USA, 2016.
8. **Jing Liu**, Tongwei Ren and Jia Bei. Elastic Edge Boxes for Object Proposal on RGB-D images. In *Proceedings of International Conference on Multimedia Modeling (MMM)*, Miami, USA, 2016.

Honors & Awards

Travel Grant (OSDI-18), USENIX	2018.9
Student Scholarship (SOSP-17), SIGOPS	2017.9
CS Summer Research Award, UW-Madison	2017.5
Graduate Research Fellowship, UW-Madison	2016 – 2017
Excellent Undergraduate Thesis in Jiangsu Province	2017.4
Excellent Graduate Student, Nanjing University	2016.6
National Outstanding Scholarship, Ministry of Education of China	2015, 2014
National Scholarship, Ministry of Education of China	2013
Tang Zhongying Scholarship, Tang Zhongying Foundation	2012 – 2015

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