

**Xuhao Luo**  
[xuhaul2@illinois.edu](mailto:xuhaol2@illinois.edu)  
[www.xuhaol.com](http://www.xuhaol.com)

## Education

2021–2026\* **Ph.D. Candidate**, Computer Science, University of Illinois Urbana-Champaign  
2019–2021 **M.S.**, Computer Science, University of California San Diego  
2015–2019 **B.Sc.**, Applied Physics, University of Science and Technology of China

## Awards & Honors

2024 SOSP’24 Best Paper Award  
2024 Siebel School’s 24–25 Conference Presentation Award  
2024 SOSP’24 Student Travel Grant  
2024 EuroSys’24 Student Travel Grant  
2022 ASPLOS’22 Student Travel Grant  
2019 USTC Class of 2019 Outstanding Graduates

## Publications

 [Google Scholar](#)

SOSP’24 **Xuhao Luo**, Shreesha G. Bhat,<sup>†</sup>, Jiyu Hu.<sup>†</sup>, Ramnatthan Alagappan, and Aishwarya Ganesan. *LazyLog: A New Shared Log Abstraction for Low-Latency Applications in Proceedings of the ACM SIGOPS 30th Symposium on Operating Systems Principles* (Austin, TX, USA, 2024)  
**Best Paper Award**

EuroSys’24 **Xuhao Luo**, Ramnatthan Alagappan, and Aishwarya Ganesan. *SplitFT: Fault Tolerance for Disaggregated Datacenters via Remote Memory Logging in Proceedings of the Nineteenth European Conference on Computer Systems* (Athens, Greece, 2024)

ATC’22 **Xuhao Luo**, Weihai Shen, Shuai Mu, and Tianyin Xu. *DepFast: Orchestrating Code of Quorum Systems in 2022 USENIX Annual Technical Conference (USENIX ATC 22)* (Carlsbad, CA, July 2022)

ASPLOS’22 Zhiyuan Guo<sup>†</sup>, Yizhou Shan<sup>†</sup>, **Xuhao Luo**, Yutong Huang, and Yiying Zhang. *Clio: a hardware-software co-designed disaggregated memory system in Proceedings of the 27th ACM International Conference on Architectural Support for Programming Languages and Operating Systems* (Lausanne, Switzerland, 2022)

† → Equal contribution

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\*Expected.

## Research Experience

2022–Now	Research Assistant, <a href="#">Distributed and Storage Systems Lab</a> , University of Illinois Urbana-Champaign Advisor: <a href="#">Prof. Aishwarya Ganesan</a> and <a href="#">Prof. Ram Alagappan</a>
2021–2022	Research Assistant, XLab, University of Illinois Urbana-Champaign Advisor: <a href="#">Prof. Tianyin Xu</a>
2019–2021	Research Assistant, <a href="#">WukLab</a> , University of California San Diego Advisor: <a href="#">Prof. Yiyang Zhang</a>

## Work Experience

Summer 2024	<b>Applied Scientist Intern</b> , <a href="#">Amazon Web Service</a> Seattle, WA, USA
Summer 2022	<b>Applied Scientist Intern</b> , <a href="#">Amazon Web Service</a> Seattle, WA, USA
Summer 2020	<b>Research Intern</b> , <a href="#">Microsoft Research (Asia)</a> Beijing, China
Summer 2019	<b>Software Engineer Intern</b> , <a href="#">Agora.io</a> Shanghai, China

## Teaching

### University of Illinois Urbana-Champaign

2025 Spring	Teaching Assistant, Operating System Design (CS423)
2024 Fall	Teaching Assistant, Operating System Design (CS423)
2022 Fall	Teaching Assistant, Operating System Design (CS423)

## Academic Service

### Artifact Evaluation Committee

2023	OSDI'23
2023	ATC'23

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