

# Yuzhuo Jing

yzj@umich.edu | <https://osdi.dev>

## RESEARCH INTERESTS

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Software Reliability, Operating Systems

## EDUCATION

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### University of Michigan

*Ph.D. Student in Computer Science and Engineering*

Advisor: Prof. Ryan (Peng) Huang

Sep. 2023 – Present

*Ann Arbor, MI, USA*

### Johns Hopkins University

*Ph.D. Student in Computer Science*

Advisor: Prof. Ryan (Peng) Huang

Sep. 2020 – Aug. 2023

*Baltimore, MD, USA*

### ShanghaiTech University

*B.E. in Computer Science | Outstanding Graduate*

Sep. 2016 – Jul. 2020

*Shanghai, China*

## PUBLICATIONS

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- [1] **Yuzhuo Jing**, Peng Huang. Operating system support for safe and efficient auxiliary executions. In *Proceedings of the 16th USENIX Symposium on Operating Systems Design and Implementation (OSDI'22)*. July 2022.
- [2] Chang Lou, **Yuzhuo Jing**, Peng Huang. Demystifying and Checking Silent Semantic Violations in Large Distributed Systems. In *Proceedings of the 16th USENIX Symposium on Operating Systems Design and Implementation (OSDI'22)*. July 2022.
- [3] Jian Zhang, Tao Xie, **Yuzhuo Jing**, Yanjie Song, Guanzhou Hu, Si Chen, Shu Yin. BORA: A BAG Organizer for ROS Analysis. In *Proceedings of the International Conference for High Performance Computing, Networking, Storage and Analysis (SC'20)*. November 2020.

## TEACHING EXPERIENCE

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### CS206.13: Reliable Programming with Rust

*Instructor*

Intersession 2023

*Johns Hopkins University*

### CS318: Principles of Operating Systems

*Teaching Assistant*

Fall 2022

*Johns Hopkins University*

### CS318: Principles of Operating Systems

*Course Assistant*

Fall 2021

*Johns Hopkins University*

### CS318: Principles of Operating Systems

*Teaching Assistant*

Fall 2020

*Johns Hopkins University*

### CS130: Operating Systems

*Teaching Assistant (Head) | Outstanding Teaching Assistant Award*

Fall 2019

*ShanghaiTech University*

**CS101: Algorithms and Data Structures**

*Teaching Assistant*

Fall 2018

*ShanghaiTech University*

**SI100: Introduction to Computer Science**

*Teaching Assistant*

Fall 2017

*ShanghaiTech University*

**SI100B: Introduction to Information Science and Technology**

*Teaching Assistant of programming part*

Mar. 2017

*ShanghaiTech University*

**HONORS AND AWARDS**

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Shanghai Ordinary College Outstanding Graduate

Jun. 2020

SIST Outstanding Teaching Assistant Award

Jan. 2020

ShanghaiTech University Scholarship of Academic Excellence

Dec. 2019

ASC19 Supercomputing Competition Preliminary Second Class Prize

Mar. 2019

CUMCM 2017 National Second Prize

Sep. 2017

**SKILLS**

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**Languages:** Chinese (native), English (fluent)

**Programming:** C/C++, Rust, Python, CUDA

**System:** Linux kernel, FreeBSD kernel