

# Yuzhuo Jing

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## RESEARCH INTERESTS

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System reliability, operating systems

## EDUCATION

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### Johns Hopkins University

*Ph.D. Student in Computer Science*

Advisor: Prof. Ryan (Peng) Huang

Sep. 2020 – Present

*Baltimore, MD, USA*

### ShanghaiTech University

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

Sep. 2016 – Jul. 2020

*Shanghai, China*

## PUBLICATIONS

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- [1] 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)*. Nov. 2020.

## PROJECTS

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### BORA: A BAG Organizer for ROS Analysis

*L.I.O.N. Laboratory, ShanghaiTech University, advised by Prof. Shu Yin*

Apr. 2018 – Apr. 2020

*Shanghai, China*

- Designed a file system middleware that optimizes data acquisition of BAG files in the robotic operating system (ROS).
- Implemented an online data analyzer and the BORA prototype using Filesystem in Userspace (FUSE).

## TEACHING EXPERIENCE

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### CS318: Principles of Operating Systems

*Course Assistant*

Sep. 2021 – Present

*Johns Hopkins University*

### CS318: Principles of Operating Systems

*Teaching Assistant*

Sep. 2020 – Dec. 2020

*Johns Hopkins University*

### CS130: Operating Systems

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

Sep. 2019 – Jan. 2020

*ShanghaiTech University*

### CS101: Algorithms and Data Structures

*Teaching Assistant*

Sep. 2018 – Jan. 2019

*ShanghaiTech University*

### SI100: Introduction to Computer Science

*Teaching Assistant*

Sep. 2017 – Jan. 2018

*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