

ZHIHAO ZHANG

✉ zhihaoz@stu.xmu.edu.cn

☎ (+86) 1803027XXXX

🌐 github.com/ZhiHaoi



## EDUCATION

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**Xiamen University (XMU)**, Fujian, China

2021–Present

*Ph.D student* in Computer Science and Technology

**Xiamen University (XMU)**, Fujian, China

2018–2021

*M.Sc.* in Computer Science and Technology

**Chongqing University of Technology (CQUT)**, Chongqing, China

2014–2018

*B.Sc.* in Communication Engineering

## RESEARCH INTERESTS

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Zhihao Zhang is a Ph.D student in the Department of Computer Science at School of Informatics, Xiamen University. His research interests include operating and storage systems, with current research focusing on virtualization and Linux block I/O.

## PUBLICATIONS

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### Conference Papers:

1. SimiEncode: A Similarity-based Encoding Scheme to Improve Performance and Lifetime of Non-Volatile Main Memory. Suzhen Wu, Jiapeng Wu, Zhirong Shen, **Zhihao Zhang**, Zuocheng Wang, and Bo Mao. In Proc. of the 39th IEEE International Conference on Computer Design (ICCD'21). October 24-27, 2021. (AR: 60/246 = 24.4%)

### Ongoing Projects:

1. PAM Hashing: PM-friendly XXXXXX Hashing with Improved XXXXX and XXXXX Efficiency. Under Conference Review. 2022.
2. Acceleration for Virtual Machine. 2022.

### Awards:

1. 2022 National Student Computer System Capability Competition, OS Design-OS Function Challenge Track, **First Class** (SwornDisk).