



Ren Yanjing

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Education

The Chinese University of Hong Kong · Ph.D Student

Computer Science and Engineering, Supervisor: Prof. Patrick P. C. Lee

Hong Kong, China

2022.06 - now

University of Electronic Science and Technology of China · Master

Computer Science and Engineering, Supervisor: Prof. Jingwei Li

Chengdu, China

2019.09 - 2022.06

University of Electronic Science and Technology of China · Bachelor

Information Security

Chengdu, China

2015.09 - 2019.06

Publication

Enhancing LSM-tree Key-Value Stores for Read-Modify-Writes via Key-Delta Separation

Jinhong Li, Yanjing Ren, Shujie Han, and Patrick P. C. Lee.

IEEE ICDE

2024

ELECT: Enabling Erasure Coding Tiering for LSM-tree-based Storage

Yanjing Ren, Yuanming Ren, Xiaolu Li, Yuchong Hu, Jingwei Li, and Patrick P. C. Lee.

USENIX FAST

2024

CDCache: Space-Efficient Flash Caching via Compression-before-Deduplication

Hengying Xiao, Jingwei Li, Yanjing Ren, Ruijin Wang, Xiaosong Zhang.

IEEE INFOCOM

2024

FeatureSpy: Detecting Learning-Content Attacks via Feature Inspection in Secure Deduplicated Storage

Jingwei Li, Yanjing Ren, Patrick P. C. Lee, Yuyu Wang, Ting Chen, Xiaosong Zhang.

IEEE INFOCOM

2023

Revisiting Frequency Analysis against Encrypted Deduplication via Statistical Distribution

Jingwei Li, Guoli Wei, Jiacheng, Liang, Yanjing Ren, Patrick P. C. Lee and Xiaosong Zhang.

IEEE INFOCOM

2022

Tunable Encrypted Deduplication with Attack Resilient Key Management

Zuoru Yang, Jingwei Li, Yanjing Ren, Patrick P. C. Lee and Xiaosong Zhang.

ACM Transactions on Storage

2022

Enabling Secure and Space Efficient Metadata Management in Encrypted Deduplication

Jingwei Li, Suyu Huang, Yanjing Ren, Patrick P. C. Lee and Xiaosong Zhang.

IEEE Transactions on Computers

2022

Accelerating Encrypted Deduplication via SGX

Yanjing Ren, Jingwei Li, Zuoru Yang, Patrick P. C. Lee and Xiaosong Zhang.

USENIX ATC

2021

Balancing storage efficiency and data confidentiality with tunable encrypted deduplication

Jingwei Li, Zuoru Yang, Yanjing Ren, Patrick P. C. Lee and Xiaosong Zhang.

ACM EuroSys

2020

Metadepup: Deduplicating metadata in encrypted deduplication via indirection

Jingwei Li, Patrick P. C. Lee, Yanjing Ren, and Xiaosong Zhang.

IEEE MSST

2019

Honor

Outstanding Graduate Paper Award (ACM Chengdu Chapter)

2023

Outstanding Master's Thesis of UESTC (UESTC)

2022

Outstanding University Graduates (Sichuan Province, China)

2022

China Integrated Circuit Innovation and Entrepreneurship Competition (Third Award)

2020

Excellent graduation thesis of UESTC (UESTC)

2019

Outstanding Graduates of UESTC (UESTC)

2019

ASC Student Supercomputer Challenge (Second Prize)

2019

ASC Student Supercomputer Challenge (Second Prize)

2018

Mathematical Contest in Modeling (Meritorious Winner)

2017

China Undergraduate Mathematical Contest in Modeling (First Prize)

2017