LONGFEI LUO

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EDUCATION

2021 – present
2019 – 2021
2015 – 2019

Publication

Understanding and Optimizing Hybrid SSD with High-Density and Low-Cost Flash Memory 2021 2021 IEEE International Conference on Computer Design (ICCD-2021)

Brief introduction: Based on real hybrid devices, this paper presents two interesting findings. And then HyFlex is proposed to redesign the strategies of data placement and flash-mode management of hybrid SSDs in a flexible approach. Experimental results show that HyFlex achieves encouraging performance and endurance improvement.

RESEARCH AREA

- Hybrid SSD
- Flash Translation Layer(FTL) algorithm design
- Operating System

♥ Honors and Awards

3rd Prize, Award on Mathematical Contest in Modeling for graduate students

Sept. 2020

i Miscellaneous

• Languages: English - Fluent, Chinese - Native speaker