Jungi Jeong

Ph.D. Candidate
Computer Architecture Lab
School of Computing, KAIST
E3-1 Room #4428, 291 Daehak-ro, Yuseong-gu
Daejeon, South Korea 34141

Email: jungijeong@kaist.ac.kr
Web: https://jungijeong.github.io

Education

KAIST, Daejeon, South Korea ....March 2015–February 2020 (expected)
Ph.D. in School of Computing
Advisor: Professor Seungryoul Maeng

KAIST, Daejeon, South Korea ....March 2013–February 2015
M.S. in Computer Science
Advisor: Professor Seungryoul Maeng

Hanyang University, Seoul, South Korea ....March 2006–February 2013
B.S. in Computer Science and Engineering

Research Interests

Computer architecture, Non-volatile Memory, Persistent memory system, Operating systems

Publications

Conference Proceedings

[1] **Efficient Hardware-assisted Logging with Asynchronous and Direct Update for Persistent Memory**.
Jungi Jeong, Chang Hyun Park, Jaehyuk Huh, and Seungryoul Maeng.
In *Proceedings of the International Symposium on Microarchitecture (**MICRO**)*, October 2018.

[2] **Hybrid TLB Coalescing: Improving TLB Translation Coverage under Diverse Fragmented Memory Allocations**.
Chang Hyun Park, Taekyung Heo, **Jungi Jeong**, and Jaehyuk Huh.
In *Proceedings of the International Symposium on Computer Architecture (**ISCA**)*, June 2017.

[3] **Application-assisted Writeback for Hadoop Clusters**.
Jungi Jeong, Daewoo Lee, and Seungryoul Maeng.
In *Proceedings of the International Conference on Cluster Computing (**Cluster**)*, September 2016.

Journal Articles

[4] **Flower-Pop: Facilitating Casual Group Conversations with Multiple Mobile Devices**.
Moon Hwan Lee, Yeakyung Row, Oo Sung Son, Uichin Lee, JaeJeong Kim, **Jungi Jeong**, Seungryoul Maeng, and Tek-Jin Nam.
*Wearable and Ubiquitous Technologies (**IMWET**)*, December 2017.

Teaching Experience

Teaching Assistant at KAIST

CS211 Digital Systems .... Spring 2014, 2015, 2016, 2017, 2018

CS310 Embedded Computer Systems .... Fall 2013, 2015, 2016, 2017, 2018

Honors and Awards

National Full Scholarship for Graduate Study .... March 2013 - February 2020

Outstanding Teaching Assistant Award at KAIST .... Fall, 2013

Academic Scholarship at Hanyang University .... Spring 2012, Fall 2012

References

Available upon request

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