

# Jeseng Yeon

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## RESEARCH INTERESTS

**Storage Management, File System and Operating System, Android,  
Distribute Storage System**

## EDUCATION

**M.S., Computer Science**  
Chungbuk National University  
Advisor: Prof. Eunji Lee  
GPA: 4.1/4.5

**B.S., Computer Science**  
Chungbuk National University  
GPA: 3.4/4.5

## PUBLICATIONS

Y. Han, B. Kim, **J. Yeon**, S. Lee, E. Lee, "TeksDB: Weaving Data Structures for a High-Performance Key-Value Store" *In Proceedings of the ACM International Conference on Measurement and Modeling of Computer Systems (SIGMETRICS'19)*, Jun. , 2019.

**J. Yeon** , M. Jeong, S. Lee, E. Lee, "RFLUSH:Rethink the Flush" *16th USENIX Conference on File and Storage Technologies (FAST'18)*, Feb. , 2018.

**J. Yeon** , M. Jeong, S. Lee, E. Lee, "Untie a Knot in a Last Stage Buffer" *12th European Conference on Computer Systems (Eurosys'17), Poster*, April, 2017

E. Lee, H. Bahn, M. Jeong, S. Kim, **J. Yeon**, S. Yoo, S. H. Noh, K. G. Shin "Reducing Journaling Harm on Virtualized I/O Systems" *9th ACM International Systems and Storage Conference (SYSTOR'16)*, June , 2016.

**J. Yeon**, J. IM, B. Jeon, S. Lee, E. lee, H. Bahn, "Design and Implementation of Kernel Binder Cache to Accelerate Android IPC" *16th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA'16)*, Aug. , 2016.

## PROJECT EXPERIENCE

ThinFS: An Optimized File system for Distributed Object Data Storage  
NRF(National Research Foundation of Korea) 2017 - 2018

Development of Performance and Endurance Tools for Flash File Systems  
ETRI(Electronics and Telecommunications Research Institute) 2015 - 2016

Designing System Software for Terabyte-Scale Flash Memory Supported by  
Main Memory Interfaces  
NRF(National Research Foundation of Korea) 2014 - 2017

## WORK EXPERIENCE

**Visiting Student** Feb.2018 - Feb.2018  
University of Wisconsin-Madison(with Prof. Remzi)

## PROGRAMMING SKILL

**Programming Languages** : Strong in C/C++, Python, Shell  
**Development Tools** : vim, git, visual studio  
**Framework** : Linux

## REFERENCES

**Eunji Lee**(Assistant Professor)  
Dept. of Smart Systems Software,  
School of Electrical and Computer Engineering  
Soongsil University