

EDUCATION	◇ Doctor of Philosophy, Computer Science and Engineering University of Michigan. Advisor: Daniel Genkin Research Topic: Rowhammer attack and defences GPA: 3.753 / 4.0	Sep. 2020 - Present
	◇ Master of Science, Intelligent Systems Seoul National University, Korea. Thesis: CAT-TWO: Counter-based Adaptive Tree, Time Window Optimized for DRAM Rowhammer Prevention Advisor: Jung Ho Ahn GPA : 4.12 / 4.30	Mar. 2018 - Feb. 2020
	◇ Bachelor of Science, Electrical and Computer Engineering Seoul National University, Korea. Major GPA: 3.42 / 4.30 * 2 year leave due to military service	Mar. 2011 - Feb. 2018
WORK EXPERIENCE	◇ Intern , Context Part, Kakao Enterprise Worked on optimizing mobile NMT and deployment	Mar. 2020 – Aug. 2020
	◇ Visiting Scholar , Computer Systems Laboratory Cornell University Advisor: Prof. G. Edward Suh Research topic: memory deduplication & compression	Oct. 2019 – Dec. 2019
	◇ Intern , Mobile Communications Business, Samsung Electronics	Jul. 2017 – Aug. 2017
PUBLICATIONS	1. Youssef Tobah, Andrew Kwong, Ingab Kang, Daniel Genkin, Kang G. Shin "SpecHammer: Combining Spectre and Rowhammer for new speculative attacks," <i>IEEE Security and Privacy</i> (Oakland), 2022	
	2. Sungbo Park, Ingab Kang, Yaebin Moon, Jung Ho Ahn, G. Edward Suh "BCD Deduplication: Effective Memory Compression Using Partial Cache-Line Deduplication," <i>International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS)</i> , 2021	
	3. Ingab Kang, Eojin Lee, and Jung Ho Ahn "CAT-TWO: Counter-based Adaptive Tree, Time Window Optimized," <i>IEEE Access</i> , 2020.	
	4. Eojin Lee, Ingab Kang, Sukhan Lee, G. Edward Suh, and Jung Ho Ahn "TWiCe: Preventing Row-hammering by Exploiting Time Window Counters," <i>International Symposium on Computer Architecture (ISCA)</i> , 2019.	
	5. Kangjin Yoon, Taejun Park, Jihoon Kim, Weiping Sun, Sunwook Hwang, Ingab Kang, and Sunghyun Choi "COTA: Channel occupancy time adaptation for LTE in unlicensed spectrum," <i>International Symposium on Dynamic Spectrum Access Networks (DySPAN)</i> , 2017.	
HONORS/ AWARDS	◇ National Scholarship for Science and Engineering , Mar. Korea Student Aid Foundation, Seoul, Korea	2011 – Feb. 2012
	◇ Superior Academic Performance Scholarship , Seoul National University, Seoul, Korea	Spring 2015, Fall 2015, Spring 2016
TEACHING EXPERIENCE	◇ Teaching Assistant , Digital System Design and Practice, Seoul National University	Sep. 2018 – Dec. 2018