

KYEONGMIN CHO

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EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

SEP. 2019 - AUG. 2024

Ph.D. in Computer Science (Advisor: [Jeehoon Kang](#))

Daejeon, Korea

Dissertation: *Principles of Byte-Addressable Persistency*

Inha University

MAR. 2013 - AUG. 2019

B.S. in Computer Science & Engineering; and B.A. in Philosophy

Incheon, Korea

EMPLOYMENT

Rebellions Inc.

SEP. 2024 (EXPECTED)

NPU Compiler Engineer

Seongnam, Korea

Web Application Developer at Marketit Inc.

Seoul, Korea, JUL. 2016 - AUG. 2017

Mentee at Software Maestro of Ministry of Science and ICT

Seoul, Korea, JUN. 2015 - JUN. 2016

PUBLICATIONS

Quantum Probabilistic Model Checking for Time-Bounded Properties

Seungmin Jeon, [Kyeongmin Cho](#), Changu Kang, Janggun Lee, Hakjoo Oh, Jeehoon Kang

Submitted

Memento: A Framework for Detectable Recoverability in Persistent Memory

[Kyeongmin Cho](#), Seungmin Jeon, Azalea Raad, Jeehoon Kang

ACM SIGPLAN Conference on Programming Language Design and Implementation (**PLDI 2023**)

Revamping Hardware Persistency Models: View-Based and Axiomatic Persistency Models for Intel-x86 and Armv8

[Kyeongmin Cho](#), Sung-Hwan Lee, Azalea Raad, Jeehoon Kang

ACM SIGPLAN Conference on Programming Language Design and Implementation (**PLDI 2021**)

PROFESSIONAL SERVICE

ACM SIGPLAN Symposium on Principles of Programming Languages (**POPL 2022**)

Artifact Evaluation Committee

SELECTED HONORS AND AWARDS

NAVER Ph.D. Fellowship Award

NAVER Corp., DEC. 2021

Best Award (1st place) in the Computer Science Capstone Design Competition

DEC. 2018

(Project: *A Framework for Fuzzing Android Applications*)

Inha University

Bronze Award (14th place)

Nov. 2014

in the ACM International Collegiate Programming Contest (**ICPC**) Regional Contest

ACM

Kiwoom Securities Financial Scholarship

Kiwoom Securities Corp., FEB. 2014 - FEB. 2015

INVITED TALKS

Chasing Dragons: Persistent Memory Programming in Korean Institute of Information Scientists and Engineers SIGPL Summer School	AUG. 2023
Memento: A Framework for Detectable Recoverability in Persistent Memory in Samsung Global Technology Symposium	APR. 2023
Revamping Hardware Persistency Models in Korea Software Congress	DEC. 2021

TEACHING EXPERIENCE

KAIST CS220: Programming Principles Teaching Assistant (Instructor: Jeehoon Kang)	SEP. 2023 - DEC. 2023 Daejeon, Korea
KAIST CS420: Compiler Design Teaching Assistant (Instructor: Jeehoon Kang)	MAR. 2022 - JUN. 2022 Daejeon, Korea
KAIST CS431: Concurrent Programming Teaching Assistant (Instructor: Jeehoon Kang)	SEP. 2021 - DEC. 2021 Daejeon, Korea
KAIST CS230: System Programming Teaching Assistant (Instructor: Jeehoon Kang)	MAR. 2021 - JUN. 2021 Daejeon, Korea
Fastcampus Instructor (Subject: <i>Python for Business Automation</i>)	DEC. 2015 - JUN. 2016 Seoul, Korea
Hansei Cyber Security High School Instructor (Subject: <i>Basic Algorithms</i>), Problem Setter (Youth CTF)	SEP. 2015 Seoul, Korea