

Yubin Lee

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Research Interests

- Robotics Acceleration
- Acceleration of Workloads on Edge Devices

Education

KAIST(Korea Advanced Institute of Science and Technology)

M.S. IN ELECTRICAL ENGINEERING

- Advisor: Jongse Park

Daejeon, S.Korea

Mar. 2024 - Current

KAIST(Korea Advanced Institute of Science and Technology)

B.S. IN COMPUTER SCIENCE & MINOR IN ELECTRICAL ENGINEERING

- Cum Laude (3.83/4.3)
- Dean's List, Fall 2020
- Dean's List, Fall 2019

Daejeon, S.Korea

Sep. 2019 - Feb. 2024

Experiences

CASYS Lab, KAIST

UNDERGRADUATE STUDENT INTERN

Daejeon, S.Korea

Dec 2022 - Feb 2024

CASYS Lab, KAIST

UNDERGRADUATE STUDENT INTERN

Daejeon, S.Korea

Dec 2021 - Feb 2022

Honors & Awards

Feb 12, 2025

Gold Prize, Samsung Humantech Paper Awards, Computer Science & Engineering Section

Jul 2024 - Jun 2025

Research Encouragement Grant for Master's Students, National Research Foundation of Korea

Mar 2022 - Aug 2023

National Science & Technology Scholarship, Ministry of Science and ICT

Feb 16, 2021

Dean's List, KAIST College of Engineering

Fall 2020

Mar 19, 2020

Dean's List, KAIST School of Freshman

Fall 2019

Jun 27, 2019

Principal's Award, Lebanon Evangelical School for Boys and Girls

Jun 2017

Outstanding Pearson Learner Award, International GCSE Highest Mark in Lebanon: Physics, Chemistry, Biology, History

Teaching Experiences

EE209 Programming Structures for Electrical Engineering

TEACHING ASSISTANT

Jaemin Yoo

Spring 2025

CS230 System Programming

TEACHING ASSISTANT

Jongse Park

Fall 2024

CS311 Computer Organization

TEACHING ASSISTANT

Jongse Park

Spring 2024

CS101 Introduction to Programming

FRESHMAN TUTOR

Fall 2022

CS101 Introduction to Programming

FRESHMAN TUTOR

Spring 2022

CS101 Introduction to Programming

FRESHMAN TUTOR

Fall 2021

CS101 Introduction to Programming

FRESHMAN TUTOR

Spring 2021

CS101 Introduction to Programming

FRESHMAN TUTOR

Fall 2020

Publications

DaCapo: Accelerating Continuous Learning in Autonomous Systems for Video Analytics

ISCA 2024

YOONSUNG KIM, CHANGHUN OH, JINWOO HWANG, WONUNG KIM, SEONGRYONG OH, **YUBIN LEE**, HARDIK SHARMA, AMIR

YAZDANBAKHSH, JONGSE PARK