# 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)**                          *Daejeon, S.Korea*

M.S. IN ELECTRICAL ENGINEERING                                                          *Mar. 2024 - Current*

- Advisor: Jongse Park

**KAIST(Korea Advanced Institute of Science and Technology)**                          *Daejeon, S.Korea*

B.S. IN COMPUTER SCIENCE & MINOR IN ELECTRICAL ENGINEERING                             *Sep. 2019 - Feb. 2024*

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

## Experiences

**CASYS Lab, KAIST**                                                                    *Daejeon, S.Korea*

UNDERGRADUATE STUDENT INTERN                                                            *Dec 2022 - Feb 2024*

**CASYS Lab, KAIST**                                                                    *Daejeon, S.Korea*

UNDERGRADUATE STUDENT INTERN                                                            *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 | |

## 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

## Teaching Experiences

**EE209 Programming Structures for Electrical Engineering**                             *Jaemin Yoo*

TEACHING ASSISTANT                                                                      *Spring 2025*

**CS230 System Programming**                                                            *Jongse Park*

TEACHING ASSISTANT                                                                      *Fall 2024*

**CS311 Computer Organization**                                           *Jongse Park*

TEACHING ASSISTANT                                                        *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*