

# Kim, Yeonji

## CONTACT INFORMATION

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## RESEARCH INTERESTS

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I am interested in research that leverages deep learning and computer vision techniques to solve real-world problems, particularly in embedded AI applications such as robotics and autonomous driving, with a focus on how to minimize the gap to the real world and generalize effectively.

I believe that these technologies can contribute to making people's lives easier, not only in various industries but also in everyday life. My research goal is to build systems that allow AI to work reliably and efficiently in the real world.

## EDUCATION

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**Soongsil University**

2021.3 - 2026.2

B.S. in Global School of Media

## PROJECT

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**USV maneuvering in adverse weather conditions using path prediction models**

2024.7 - 2024.8

- GIST Internship program

**Evacuation service centered on metropolitan subway stations through congestion**

2024.1

- Hackathon of ideas to solve future social problems using big data

**Personalized kiosk UXUI with facial age recognition**

2023.12

- 'A better future with AI' AI competition

**Predicting plant growth using computer vision Community Service**

2023.10

- CJ OLIVENETWORKS AI Hackathon

## EXPERIENCE

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**Soongsil University @Reality LAB**

2024.11 -

- Undergraduate LAB Intern
- Research Field : Computer Vision, Embedded AI

**GIST @AI LAB**

2024.7 - 2024.8

- Undergraduate LAB Intern
- Research Field : Computer Vision, Robotics

## AWARDS

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**Third Prize** in 'A better future with AI' AI competition 2023

**First Prize(Minister Award)** in Ministry of Foreign Affairs Youth Delegation Activity Award 2023

**Second Prize** in CJ OLIVENETWORKS AI Hackathon 2023