

# JEONGIN KIM

B130-2, ECC, 52, Ewhayeodae-gil, Seodaemun-gu, Seoul, Republic of Korea

✉ [jn.kim@ewha.ac.kr](mailto:jn.kim@ewha.ac.kr)  [github.com/jn-kim](https://github.com/jn-kim)  [jn-kim.github.io](https://jn-kim.github.io)

## RESEARCH INTERESTS

---

**Low-Supervision Learning.** Overcoming annotation dependency for scalable visual perception. My work emphasizes **active, weakly, and semi-supervised learning** to maximize data efficiency in tasks such as **semantic segmentation and object detection**.

**Medical Domain Applications.** Developing robust AI for clinical use by addressing sparse and imperfect labels. I explore **positive-unlabeled learning** for Chest X-Rays, focusing on precise disease classification/localization and longitudinal disease tracking.

## EDUCATION

---

**Ewha Womans University**

*M.S.–Ph.D., Artificial Intelligence (Advisor: Prof. Junhyug Noh)*

**March 2024 – February 2029 (Expected)**

*Seoul, South Korea*

**Kumoh National Institute of Technology**

*B.S., Electronic Engineering*

**March 2019 – August 2023**

*Gumi, South Korea*

## WORK EXPERIENCE

---

**Ewha Womans University Medical Center (EUMC)**

*Graduate Research Assistant*

**July 2025 – Present**

*Seoul, South Korea*

**DXR Co., Ltd**

*Research Intern*

**July 2024 – June 2025**

*Seoul, South Korea*

## PUBLICATIONS

---

**Jeongin Kim**, Wonho Bae, YouLee Han, Giyeong Oh, Youngjae Yu, Danica J. Sutherland, Junhyug Noh, “Diffusion-Driven Two-Stage Active Learning for Low-Budget Semantic Segmentation.” **NeurIPS 2025**.

**Jeongin Kim**, Otto Frederike, Yeon-Mo Yang, and Wansu Lim, “An efficient scheme on face recognitions by Eigenface analysis,” *JKIIS*, vol. 33, no. 1, 2023.

**Jeongin Kim**, Paul Angelo Oroceo, and Wansu Lim, “Implementation of a Reliable VUI System on Edge Device,” *KICS*, vol. 47, no. 8, 2022.

## AWARDS

---

**NeurIPS Scholar Award**

*NeurIPS 2025*

**December 2025**

*San Diego, USA*

**3rd Prize, Autonomous Driving AI Algorithm Development Challenge**

*M.DataSync*

**October 2023**

*Seoul, South Korea*

## TECHNICAL SKILLS

---

**Languages:** Python, C/C++, MATLAB/Simulink

**ML/DL Framework:** PyTorch, TensorFlow

**Operating Systems:** Linux (Ubuntu), macOS, TinyOS

**Tools & Skills:** Git, Docker, Slurm (HPC), LaTeX

**Embedded Systems:** NVIDIA Jetson (Orin, TX2, Xavier NX, Nano), OpenBCI, LTE-M Module

## REVIEWER

---

IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)