

Soogeun Park

Curriculum Vitae

M.S. Researcher

Environmental Planning Institute
Seoul National University
Seoul, 08826, Republic of Korea

E-mail: soogeun@snu.ac.kr
Mobile: +82 10-9909-0196
[GitHub](#) [Google Scholar](#)

RESEARCH INTEREST

- **Downstream applications using global weather features from foundation models**
 - Global weather-driven air quality forecasting
- **AI for learning climate-scale patterns from irregular time series**
- **AI weather models continually adapting to new observations**
- **AI-based Earth system simulation including the biosphere and human activities**

EDUCATION & RESEARCH EXPERIENCE

Feb.2026 – Present	M.S. Researcher Environmental Planning Institute Seoul National University
Mar. 2023 – Feb.2026	M.S. in Artificial Intelligence Graduate School of Artificial Intelligence (GSAI) Ulsan National Institute of Science and Technology (UNIST) Advisor: Hyemin Ahn Dissertation: “Advancing Motion-Based Human-Robot Interaction: Data Collection and Representation Strategies”
Mar. 2016 – Feb. 2023	B.S. in Computer Science and Engineering Ulsan National Institute of Science and Technology (UNIST) Cum Laude

PUBLICATIONS

† indicates equally contributing authors.
* indicates the corresponding author.

1. G. Sim, **S. Park**, and H. Ahn*. “A Self-Supervised Approach on Motion Calibration for Enhancing Physical Plausibility in Text-to-Motion.” **(Under Review)**
2. **S. Park**†, X. Figuera†, and H. Ahn*. “Redefining Data Pairing for Motion Retargeting Leveraging a Human Body Prior.” 2024 IEEE/RSJ International Conference on Intelligent Robots and Systems (**IROS**). IEEE, 2024. [[Webpage](#)]

TEACHING

Teaching Assistant

AI Education Program for LG Researchers, UNIST	Summer 2024
Introduction to AI Programming II, UNIST	Spring 2024
Electrical Engineering Programming, UNIST	Spring 2023

PRESENTATIONS

Conference

[Oral Pitch] “Redefining Data Pairing for Motion Retargeting Leveraging a Human Body Prior”, KRoC 2025, PyeongChang	Feb. 2025
[Poster Presentation] “Redefining Data Pairing for Motion Retargeting Leveraging a Human Body Prior”, IROS 2024, Abu Dhabi	Oct. 2024

Special Lecture

Special Lecture on “How AI Works” for Middle and High School Students in Ulsan	Jul. – Aug. 2025
Special Lecture on “Introduction to AI” for Sam-Nam Middle School Teachers, Ulsan	Jul. 2025

SCHOLARSHIPS

2023 – 2024	UNIST Academic Full Tuition Scholarship UNIST Scholarship Foundation (~\$20,000)
2016 – 2022	National Science and Engineering Scholarship (Academic Excellence Scholarship) Korea Student Aid Foundation (~\$25,000)

REFERENCES

Prof. Yoo-Geun Ham

Associate Professor
Department of Environmental Planning, Graduate School of Environmental Studies (GSES)
Seoul National University
E-mail: yoogeun@snu.ac.kr

Prof. Hyemin Ahn

Assistant Professor
Department of Electrical Engineering
Pohang University of Science and Technology (POSTECH)
E-mail: hmahn@postech.ac.kr