

Hyunsu Go

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RESEARCH INTERESTS

3D visual understanding for adaptive robot manipulation: deciding when to act, observe again, or revise a plan, then learning from the outcome.

EDUCATION

Seoul National University Combined M.S./Ph.D. Program in Computer Science and Engineering	Mar 2027 - Present
Seoul National University B.S., Mechanical Engineering, Computer Science and Engineering, and Economics; GPA 4.12 / 4.30	Mar 2021 - Feb 2027

RESEARCH EXPERIENCE

Visual Computing Lab Undergraduate Intern Seoul National University Computer Science and Engineering	Jun 2026 - Present
Imaging-driven Medical SuperIntelligence Lab Undergraduate Intern Seoul National University AI Semiconductor Engineering	Aug 2025 - Apr 2026
Precision Bioinstrumentation Lab Undergraduate Intern Seoul National University Mechanical Engineering Analyzed full single-cell vibrational signals with deep learning.	Jul 2024 - May 2026

SELECTED PUBLICATIONS

Microfluidic vibrational transit signals encode multidimensional single-cell biophysical states Hyunju Ham, Hyunsu Go , Seoyeong Kim, Sechan Park, Jiyul Kim, Su Hyun Lee, Sanghyo Park, Jaehyung Park, Scott R. Manalis, Hyunsook Lee, Joon Ho Kang. 2026 Submitted
From Complete Scanpaths to Finding-Level Gaze Targets in Chest Radiography: Structured Cues and Learned Reweighting Sumin Lee, Hyunsu Go , Subeen Lee, Kyeonghun Kim, and Nam-Joon Kim. 2026 MedAI, Accepted
MAESIL: Masked Autoencoder for Enhanced Self-supervised Medical Image Learning Kyeonghun Kim, Hyeonseok Jung, Youngung Han, Junsu Lim, Yeonju Jean, Seongbin Park, Eunseob Choi, Hyunsu Go , Seoyoung Ju, Seohyoung Park, Gyeongmin Kim, Minju Kwon, Kyungseok Yuh, Soo Yong Kim, Ken Ying-Kai Liao, Nam-Joon Kim, Hyuk-Jae Lee. 2026 ICEIC, Published doi:10.1109/ICEIC69189.2026.11386292

HONORS AND SCHOLARSHIPS

Outstanding BS Thesis Presentation Award, Seoul National University, Mechanical Engineering	Jun 2026
Semiconductor Specialized University Scholarship, Seoul National University	Aug 2025 - Present
Best Presentation Award, ICEAS 2024	Aug 2024
Presidential Science Scholarship, Korea Student Aid Foundation	May 2023 - Present