

Changwoo Yoo

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EDUCATION

Korea University

B.S. in Computer Science and Engineering
GPA: 4.05/4.50 (major 4.20/4.50)

2020.03 - Current
Seoul, South Korea

EXPERIENCE

AIPR Lab, KAIST

– Research Intern (Advisor: [Kee-Eung Kim](#))

Apr 2026 - Current

RLLAB, Yonsei University

– Research Intern (Advisor: [Youngwoon Lee](#))

– Evaluated Pi05 trained on a custom dataset in both simulation and real-world settings.

– Generated VQA dataset using simulation data to train VLAs.

– Implemented and evaluated various offline RL algorithms using Jax, including CQL, DQC, MAC, and etc.

Jan 2026 - Mar 2026

RILAB, Korea University

– Research Intern (Advisor: [Kyungjae Lee](#))

– Learned Reinforcement Learning theory and bandit algorithms.

– Implemented and evaluated various deep RL algorithms using PyTorch and Mujoco, such as Proximal Policy Optimization (PPO) and TD3 with Behavioral Cloning (TD3+BC).

Mar 2025 - Nov 2025

UTL Lab, Korea University

– Research Intern (Advisor: [Donghyun Kim](#))

– Conducted research on Scene Graph Generation, focusing on the analysis of state-of-the-art models.

– Performed a comparative analysis of existing algorithms by running experiments on models such as IETrans, CFA, and CaCao.

Jan 2025 - Mar 2025

Google for Developers Maching Learning Bootcamp 2024

– 5th cohort member

Jul 2024 - Oct 2024

PUBLICATION

(*: equal contribution)

- Chanwoo Kim, Jihwan Yoon, Hyeonseong Kim, Taemoon Jeong, **Changwoo Yoo**, Seungbeen Lee, Soohwan Byeon, Hoon Chung, Matthew Pan, Jean Oh, Kyungjae Lee, Sungjoon Choi
Learning Social Navigation from Positive and Negative Demonstrations and Rule-Based Specifications
International Conference on Robotics and Automation (**ICRA**), **2026**

WORK EXPERIENCE

Bravemobile (Soomgo)

Dec 2022 - Jan 2025

Software Engineer (Alternative Military Service)

Nudge Healthcare (Cashwalk)

Aug 2022 - Oct 2022

Backend Engineer

EXTRACURRICULAR ACTIVITIES

AIKU (AI @Korea University)

Jan 2025 - Current

5th cohort member

Google Student Ambassador

Aug 2025 - Dec 2025

1st cohort member

KWEB (Korea University Web Master)

Aug 2021 - Jan 2024

President (Spring 2023) & Vice President (Fall 2022)

SKILLS

Programming Skills C, Python, Pytorch, Mujoco and Gymnasium etc.

Language Korean (Native proficiency), English (Professional proficiency)