

Gwanwoo Song

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EDUCATION

Yonsei University

B.S in Computer Science

GPA : 4.0/4.3 (major), 3.8/4.3 (cumulative)

Feb 2020 – present

Seoul, Korea

RESEARCH INTEREST

My research goal is to enable physical robots to perform long-horizon, complex tasks. Currently, I'm interested in hierarchical RL, skill-based RL and unsupervised RL.

PUBLICATION

[C1] Hyunjoo Chae, Namyoung Kim, Kai Tzu-iunn Ong, Minju Gwak, **Gwanwoo Song**, Jihoon Kim, Sunghwan Kim, Dongha Lee, and Jinyoung Yeo. [Web Agents with World Models: Learning and Leveraging Environment Dynamics in Web Navigation](#), *International Conference on Learning Representations (ICLR)*, 2025

EXPERIENCE

LanguageAGI Lab

June 2024 – Nov 2024

Undergraduate Research Intern

- Conducted research on large language models in the medical domain, focusing on reasoning with multiple LLMs and developing an LLM-based evaluator.
- Conducted research on large language models for web agents, augmenting a trained world model to incorporate web environment dynamics.

Yonsei X AWS Winter Camp

Dec 2022 – Feb 2023

Team Leader

- Built a multilingual inverted index dataset using Elasticsearch, with the Nori and English tokenizers applied to Korean and English texts, respectively.

AWARDS AND SCHOLARSHIPS

Yonsei University Undergraduate–Graduate Integrated Program Scholarship

Feb 2026 -

Upstage X Ybigta Agent Hackathon Encouragement Award

Apr 2025

- Developed RAG-based agent that analyzes the risks in finance product.
- Built a database of financial dispute cases and court rulings, using OpenAI embeddings for retrieval-augmented generation (RAG).

Honors

Aug 2024

High Honors

Feb 2024

EXTRACURRICULAR ACTIVITIES

Gyenongpae, Yonsei Basketball Club

Sept 2023 – present

Member

- Play basketball once a week.

BlockBlock, Yonsei Blockchain Club

Sept. 2022 – Sept.2023

Member

- Studied core concepts of blockchain and smart contracts, including major blockchain platforms and their distinguishing features.
- Participated in the 2023 Seoul Web 3.0 Festival Hackathon, which focused on blockchain and NFTs.

SKILLS

Skills: Pytorch, Python, C++, Java, NodeJs
Language: Korean (native), English (proficient)

SERVICES

Reviewer: System2 Reasoning Workshop (Neurips 2024)