Dongyoon Hahm

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ABOUT

I am a undergraduate student in KAIST, advised by Prof. Kimin Lee. I am currently interested in autonomous agent its safety.

EDUCATION

Mar. 2021 ~ Present	**KAIST**	Daejeon, Republic of Korea
	School of Computer Science	
	Candidate for Bachelor of Computer Science and Bio and Brain Engineering	
	Cumulative GPA: 3.84/4.3	

PUBLICATIONS

1. **Dongyoon Hahm***, Taywon Min*, Woogyeol Jin*, Kimin Lee, "Mitigating Unintentional Misalignment of LLM Agents via Prefix Injection Guard"
   under review

2. **Dongyoon Hahm**, Woogyeol Jin, June Suk Choi, Sungsoo Ahn, Kimin Lee, "Enhancing LLM Agent Safety via Causal Influence Prompting",
   Annual Meeting of the Association for Computational Linguistics (ACL) 2025 (findings)

3. Juyong Lee*, **Dongyoon Hahm***, June Suk Choi*, W. Bradley Knox, Kimin Lee, "MobileSafetyBench: Evaluating Safety of Autonomous Agents in Mobile Device Control"
   arxiv preprint.

4. Juyong Lee, Taywon Min, Minyong An, **Dongyoon Hahm**, Haeone Lee, Changyeon Kim, Kimin Lee, "B-MoCA: Benchmarking Mobile Device Control Agents across Diverse Configurations"
   Conference on Lifelong Learning Agents 2025

5. Woongbi Cho, **Dongyoon Hahm**, Jae Ha Yim, Jun Hee Lee, Yun Ju Lee, Dong-Gyun Kim, Yong Seok Kim, Jeong Jae Wie, " Programmable Building Blocks via Internal Stress Engineering for 3D Collective Assembly"
   Advanced Materials Technologies 2020

EXPERIENCES

- **Research Intern** at *Graduate School of AI,* KAIST   Jan. 2024 ~ Present
  - Enhancing & monitoring the safety of LLM agents.
- **Machine Learning Engineer** at ACTNOVA   Jul. 2023 ~ Dec. 2023
  - Develop computer vision model for animal behavior experiments.
- **Research Intern** at *School of Electrical Engineering,* KAIST   Dec. 2022 ~ Jul. 2023
  - Develop quantum clustering, classification algorithm

PATENTS

1. **Dongyoon Hahm,** " Method and server for providing platform for trading at least one interior modeling file used in augmented reality", Application No. 10-2022-0140817

2. **Dongyoon Hahm**, Taegun Eom, " Apparatus for collecting fine dust by using driving force of vehicle", Registration No. 10-2136771-0000

3. Cho Hyuna, **Dongyoon Hahm**, "Notification providing system and notification providing method", Registration No. 10-1805575-0000

AWARDS AND HONORS

2024	Dean's List, KAIST College of Engineering
2020	KAIST President's Award
2018	Korea Petrochemical Industry Association President's Award

EXTRACURRICULAR ACTIVITIES

- Google Developer Student Club — Sep. 2022 ~ Jul. 2023
- Entangled Quantum Society — Sep. 2022 ~ Jul. 2023
- KAIST Official Student Ambassador KAINURI — Mar. 2021 ~ Jan. 2023