Hyunjun Lee

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Interests

Research
- Although I currently lack formal research experience, I have dedicated significant time and effort to studying AI. There are several specific goals and topics within the field that I am eager to explore through future research
- I aim to explore ways in which AI can more accurately replicate complex aspects of human behavior
- NLP, SSL, 3D, RL, MARL are the topics I am interested right now.

Personal Goal
- I want to build a product that can best exploit technology, especially AI.
- Technology is developing extremely fast but I feel we aren't getting the best out of it yet. We should find a way to efficiently utilize technology.

Education

Seoul Science High School *30th year* *Mar 2018 – Feb 2021*

Seoul National University *Mar 2021 -*
BS in Electrical and Computer Engineering, Mathematical Science
- Current GPA: 4.09/4.3 ↗
- Coursework: Computer Science, Electrical Engineering, Deep Learning, Mathematics

Scholarship

Presidential Science Scholarship *19th year* ↗

SNU Semiconductor Specialty College Scholarship *1st year*

Projects & Awards

2019, 2020 Candidate of Korean National IMO team *top 16* ↗*, top 13* ↗ *respectively*

2021 Korean Undergraduate Math Contest (non-majors) *1st place* ↗

2021 Data Centric University 4.0 Big Data Idea Development Contest *3rd place* ↗
- Designed a restaurant recommendation application and showed the concept through web
- Tools Used: ReactJS, Firebase, Javascript

2022 SNU FastMRI Challenge *1st place* ↗
- Developed an AI model for anti-aliasing MRI images
- Techniques like ensembling XPDNet and VarNet, unique preprocessing & data augmentation were used
- Tools Used: Pytorch, Tensorflow, Python
- Project Repo: github.com/hjl1013/fastMRI_iMRIght ↗

2022 Deep Learning based Unmanned Product Recognition Competition *1st place* ↗
- Developed an AI model for automating product counting and management
- Tools Used: Pytorch, Detectron, Yolov7, Python
- Project Repo: github.com/hjl1013/CamerAI ↗

2023 Hyundai / LikeLion SW Hackathon *5th place* ↗
- Designed a virtual reality based community platform suitable for future mobilities

- Tools Used: Pytorch, Python, C#, Unity
- Project Repo: github.com/hjl1013/SW_Hackation_Sigma ↗

2023 Korean Undergraduate Math Contest (majors) *silver prize*

2024 K-startup Challenge
[Airforce-level 1st place](#) ↗, [Military-level 10th place](#) ↗

- We envision to democratize data from all over the world
- Currently designing a data enrichment service
- Tools Used: Pytorch, Python, ComfyUI, GUI
- Project Repo: github.com/round-ai-dev ↗
- Concept Website: round-y.com ↗

2024 Korean Undergraduate Math Contest (majors) *gold prize* ↗

Research Experience

Undergraduate Intern at [CLVR Lab](#) ↗   *Jan 2025 -*

- Currently studying RL and MARL

Publications

No publications yet

Technologies

Languages: C++, C, C#, Javascript, Python

TOEFL: [104/120](#) ↗