

# Junseok Lee

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## EDUCATION

### Korea University

Undergraduate in Geography Education and Computer Science & Engineering (*double major*)

Seoul, Korea

Mar 2017 - Present

## RESEARCH INTERESTS

Multimodal LLM, Video Question Answering, RAG, and Modular Reasoning.

## TECHNICAL SKILLS

**Programming:** Python, Pytorch, C, Java, MySQL

**Software:** Git, Ubuntu(Linux), Wandb, MS Office

## EXPERIENCE

### Research Intern

Machine Learning & Vision Lab

Jan 2024 – Dec 2024

Advisor: [Prof. Hyunwoo J Kim](#), Mentor: Jinyoung Kim

- Participation in SoccerNet 2024 Challenge on Multi-view Foul Recognition
- Labeling Military Dataset for Human Object Interaction Task
- Participation in video modular reasoning paper submitted to CVPR 2025
  - 1) Conduct a survey on related works, 2) Draft the abstract, conclusion, and dataset sections, 3) Review and provide feedback on the introduction section, 4) Select samples to include in the supplementary materials, 5) Analyze qualitative results, 6) Learn how to use Tmux in Linux for managing multi-GPU setups.

### Research Intern

HyperCLOVA Team in Naver CLOUD

Nov 2022 – Feb 2023

Mentor: [Seongjin Shin](#)

- I labeled multi-turn conversation dataset and evaluated HyperCLOVA's prediction
- I worked on creating HumanEval problem solving dataset [\[github\]](#)

### Natural Language Processing Intern

NANUS Start-up

Mar 2022 – Oct 2022

- I implemented KorBertSum which is one of extractive summarization model via ETRI BERT [\[github\]](#)

### Administrative Assistant

College of International Studies in Korea University

June 2021 – Feb 2022

- I handled phone and email inquiries for international students.

## HONORS AND AWARDS

### 2nd Place in SoccerNet Challenge on Multi-view Foul Recognition

CVPR 2024 Workshop CVSports

June 2024

- I performed inference on RTMO(Pose Estimation model) and selected videochat2 model with multi-GPUs [\[Leaderboard\]](#)

### Contribution to NANUS Selection as BigKinds Media Start-up

Korea Press Foundation

April 2022

- I implemented KorBertSum and our team received 22,000,000 won for funding [\[News\]](#)

PUBLICATIONS

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[1] [Self-checklist Prompting for Enhancing Video Modular Reasoning](#)  
Jinyoung Kim, Ji Soo Lee, Sehyung Kim, **Junseok Lee**, Yunyang Xiong, Hyunwoo J. Kim†  
Under Review, submitted to CVPR 2025

Nov 2024

[2] [Video Foundation Model을 활용한 자동 축구 영상 판독 시스템](#)  
대한전자공학회  
홍지환\*, 김영서\*, **이준석**, 이지민, 김세형, 김재영, 김현우†

August 2024

[3] [SoccerNet 2024 Challenges Results](#)  
CVPR 2024 Workshop CVSports

Sep 2024

SCHOLARSHIPS

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**Hoban Scholarship**  
Hoban Scholarship Foundation

4 years

EXTRA-CURRICULAR ACTIVITIES

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**Military Service in Korean Air Force**  
5th Air Mobility Wing

June 2018 – May 2020

- I worked on aerial weather observation [\[Certificate\]](#)

**Guide-running for the Visually Impaired**  
Visually Impaired Marathon Club

Mar 2023 - Oct 2023

- I became interested in vision modality [\[Certificate\]](#)