Yura Choi

AI RESEARCHER

✉ yoorachoi@yonsei.ac.kr   🔗 Homepage   in Yura Choi   ⬡ Yuuraa   🔍 Scholar

I'm a Master student in Yonsei University, working at Seoul National University's Machine Perception and Reasoning Lab under the supervision of Prof. Jonghyun Choi.
My research focus on aligning large multimodal models, especially for video modality.

EDUCATION

M.S. in Artificial Intelligence, Yonsei University   📅 Sep. 2022 – Aug. 2024 (Expected)

- Vision and Learning LAB in Seoul, Korea
- Academic Advisor: Jonghyun Choi
- CGPA (Major): 4.3 / 4.3

B.E. in Electrical Engineering and Computer Science, Gwangju Institute of Science and Technology (GIST)   📅 Mar. 2017 – Feb.2022

- Gwangju, Korea
- CGPA (Major): 4.07 / 4.5

EXPERIENCES

Graduate Researcher, Automation and System Research Institute, Seoul National University

- Research on aligning large language models with video modality   📅 Feb. 2024 – Current

PUBLICATIONS

[1] **Yura Choi**[†], Daechul Ahn[†], and Jonghyun Choi, *A paper about Video Retrieval from a Corpus*, under review, 2024. [†]These authors equally contributed to this work.

[2] Daechul Ahn[†], **Yura Choi**[†], San Kim, Youngjae Yu, Dongyeop Kang, and Jonghyun Choi, "**i-SRT: Aligning Large Multimodal Models for Videos by Iterative Self-Retrospective Judgment**", Arxiv, 2024. [†]These authors equally contributed to this work.

[3] Daechul Ahn, **Yura Choi**, Youngjae Yu, Dongyeop Kang, and Jonghyun Choi, "**Tuning Large Multimodal Models for Videos with Reinforcement Learning from AI Feedback**", Association for Computational Linguistics (ACL), Bangkok, 2024 (**Oral**)

SKILLS

Programming Languages & Libraries
PyTorch, Python, C++, HTML, CSS, JS

Languages
Korean (native) and English (intermediate).

Hobbies
Sketching & Painting, Badminton

PROJECTS & AWARDS

Video Corpus Moment Retrieval

📖 Searching short clip from the video database   📅 2022

Occluded Object Segmentation

📖 Segmenting objects behind wired objects   📅 2022

Dialogue State Tracking

📖 Reservation agent   📅 2022