Yura Choi

AI RESEARCHER

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I'm a PhD student in Imperial College London at Computing Department, under the supervision of Prof. Stefanos Zafeiriou and Jiankang Deng.
My research focuses on understanding and interacting through videos via LMMs.

EDUCATION

Ph.D. in Artificial Intelligence, Imperial College London   📅 May 2025 – Current

- Imperial College London, United Kingdom
- Academic Advisor: Stefanos Zafeiriou, Jiankang Deng

M.S. in Artificial Intelligence, Yonsei University   📅 Sep. 2022 – Feb. 2025

- Vision and Learning LAB in Seoul, Korea. Academic Advisor: Jonghyun Choi
- CGPA: 4.2 / 4.3, 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

- CGPA: 3.81 / 4.5, CGPA (Major): 4.07 / 4.5

RESEARCH EXPERIENCES

Research Scientist Intern, Noah's Ark Lab UK

- Research on LMM-based egocentric assistants   📅 Jan. 2025 – Jan. 2026

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

- Proposed a novel alignment strategy for Video-LMMs using RLAIF (**ACL 2024 Oral**)   📅 Feb. 2024 – Jan. 2025

PUBLICATIONS

[1] Daechul Ahn[†], **Yura Choi**[†], Hyeonbeom Choi[†], Seongwon Cho, San Kim, and Jonghyun Choi, "**What Happens When: Learning Temporal Orders of Events in Videos**", WACV, 2026. [†]Equal contribution.

[2] **Yura Choi**[†], Daechul Ahn[†], and Jonghyun Choi, "**Moment-Aware Video Retrieval from a Corpus**", IEEE Access, 2025.

[3] Daechul Ahn[†], **Yura Choi**[†], San Kim, Youngjae Yu, Dongyeop Kang, and Jonghyun Choi, "**Iterative Self-Retrospective Judgement for Multimodal Large Language Models for Videos**", AAAI, 2025.

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

SCHOLARSHIPS

Doctoral Scholarship Award, DoC Imperial College London, London, United Kingdom

- Full tuition and a living stipend for the duration of the PhD program

PATENTS

Multimodal model tuning method using reinforcement learning from AI feedback

Jonghyun Choi, Daechul Ahn, **Yura Choi**

KR (10-2024-0082772)

Method for training video large multimodal model by iterative self-retrospective judgement and learning device using the same

Jonghyun Choi, Daechul Ahn, San Kim, **Yura Choi**

US (18/990,195)

SKILLS

Programming Languages & Libraries

PyTorch (4yrs), Python (6yrs), C++(2yrs),
Deep Learning Frameworks (PyTorch, TensorFlow)

Languages

Korean (native) and English (intermediate).

Tools

Figma, Blender, Unity

Hobbies

Sketching & Painting, Badminton, Cycling