

Wooseok Seo

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📍 Seoul, Korea

Research Interests

I am interested in building *reliable, trustworthy AI* through better **evaluation frameworks** or effective **post-training**. I am excited about accurately evaluating & mitigating the **hallucinations/factuality of LLMs**, or improving models to generate **faithful responses from expert-level knowledge sources** (e.g., Search Agents, RAG, AI4Science, etc) for practical usage.

Education

Yonsei University Ph.D. in Artificial Intelligence Advisor: Prof. Youngjae Yu	Seoul, Korea Mar 2025 – Current
Yonsei University B.S. in Nano Science and Engineering	Seoul, Korea Mar 2020 – Feb 2025

Publication

[C]: Conference, [P]: Preprint, * denotes equal contribution.

[C2] Verifying the Verifiers: Unveiling Pitfalls and Potentials in Fact Verifiers
Wooseok Seo*, Seungju Han*, Jaehun Jung, Benjamin Newman, Seungwon Lim, Seungbeen Lee, Ximing Lu, Yejin Choi, Youngjae Yu
COLM 2025, [Paper](#), [Code](#)

[C1] V.I.P.: Iterative Online Preference Distillation for Efficient Video Diffusion Models
Jisoo Kim, Wooseok Seo, Junwan Kim, Seungho Park, Sooyeon Park, Youngjae Yu
ICCV 2025 (Paper link will be updated soon.)

[P1] Layout-and-Retouch: A Dual-stage Framework for Improving Diversity in Personalized Image Generation
Wooseok Seo*, Kangyeol Kim*, Sehyun Nam, Bodam Kim, Suhyeon Jeong, Wonwoo Cho, Jaegul Choo, Youngjae Yu
Preprint, [Paper](#)

Experience

MAUM.AI Research Scientist @ WoRV (World model for Robotics and Vehicle control) Team	Seoul, Korea Jan 2024 - May 2024
Yonsei University, MIR Lab Undergraduate Research Intern Advisor: Prof. Youngjae Yu	Seoul, Korea Sep 2023 - Feb 2025
BagelCode Data Analyst Intern	Seoul, Korea Apr 2022 - Oct 2022

Academic Services

Reviewer

ACL ARR	2025
COLM	2025