

# 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

<b>Yonsei University</b> Ph.D. in Artificial Intelligence Advisor: Prof. <a href="#">Youngjae Yu</a>	Seoul, Korea Mar 2025 – Current
<b>Yonsei University</b> 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](#)

[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

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

## Academic Services

### Reviewer

ACL ARR	2025
COLM	2025