

YEONWOO CHA

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— Google Scholar: scholar.google/yeonwoocha

Education

M.S. in Computer Science, KAIST, South Korea Mar 2025 – Present
B.S. in Computer Science and Electronic Engineering (Double Major),
KAIST, South Korea Mar 2021 – Feb 2025

Research Interests

- Generative Models: Diffusion Models, Flow Matching, Score-Based Methods
- Computer Vision and Representation Learning

Publications

Training-Free Refinement of Flow Matching with Divergence-based Sampling

Yeonwoo Cha, Jaehoon Yoo, Semin Kim, Yunseo Park, Jinhyeon Kwon, Seunghoon Hong
arXiv, 2026 [arXiv] [Code] [Project Page]

FlowBind: Efficient Any-to-Any Generation with Bidirectional Flows

Yeonwoo Cha*, Semin Kim*, Jinhyeon Kwon, Seunghoon Hong (* Equal contribution)
ICLR, 2026 [arXiv] [Code] [Project Page]

Reward-Agnostic Prompt Optimization for Text-to-Image Diffusion Models

Semin Kim, Yeonwoo Cha, Jaehoon Yoo, Seunghoon Hong
arXiv, 2025 [arXiv] [Code]

Simulation-Free Training of Neural ODEs on Paired Data

Semin Kim, Jaehoon Yoo, Jinwoo Kim, Yeonwoo Cha, Saehoon Kim, Seunghoon Hong
NeurIPS, 2024 [arXiv] [Code]

Experience

Undergraduate Research Intern, VLLAB, KAIST 2024
Exchange Student, Technical University of Denmark (DTU) 2023

Teaching Experience

Teaching Assistant, CS103: Elements of AI, KAIST Mar 2026 – Present
Teaching Assistant, CS371: Introduction to Deep Learning, KAIST Sept 2025 – Dec 2025
Teaching Assistant, Samsung AI Expert Sept 2025 – Nov 2025
Teaching Assistant, CS101: Introduction to Programming, KAIST Sept 2022 – June 2024

Academic Services

Reviewer

- ICLR 2026
- CVPR 2026

Skills

- **Programming**: Python, C, Java
- **Deep Learning**: PyTorch, TensorFlow
- **Tools**: Git, Linux, \LaTeX