

# Hyunsoo Cha

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## Education

- 2022–Present **M.S./Ph.D. Student**, *Artificial Intelligence*, Seoul National University, Seoul, Korea  
Advisor: Prof. Hanbyul Joo
- 2022 **B.S.**, *Electrical Engineering*, Yonsei University, Seoul, Korea

## Publications

- [4] "Vanast: Virtual Try-On with Human Image Animation via Synthetic Triplet Supervision"  
**Hyunsoo Cha**, Wonjung Woo, Byungjun Kim, Hanbyul Joo.  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2026.
- [3] "Durian: Dual Reference Image-Guided Portrait Animation with Attribute Transfer"  
**Hyunsoo Cha**, Byungjun Kim, Hanbyul Joo.  
*International Conference on Learning Representations (ICLR)*, 2026.
- [2] "PERSE: Personalized 3D Generative Avatars from a Single Portrait"  
**Hyunsoo Cha**, Inhee Lee, Hanbyul Joo.  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2025.
- [1] "PEGASUS: Personalized Generative 3D Avatars with Composable Attributes"  
**Hyunsoo Cha**, Byungjun Kim, Hanbyul Joo.  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2024.

## Teaching Experience

### Guest Lectures

- 2025 3D Computer Vision, Seoul National University  
Teaching Assistant
- 2025 Artificial Intelligence, Seoul National University
- 2025 Computer Vision, Seoul National University
- 2024,2023,2022 Artificial Intelligence, Seoul National University
- 2023 3D Computer Vision, Seoul National University
- 2025,2024,2023 Samsung Data Scientist, Seoul National University
- 2025,2024 Samsung AI Expert, Seoul National University
- 2023,2022 AI BIO, Seoul National University

## Talks

- 2025 CVPR Three questions about virtual try-on workshop, Nashville, TN.

## Services

- Reviewer ECCV (2026), CVPR (2026), 3DV (2025), NeurIPS (2025)

## Work Experiences

- 9/2021–12/2021 **Intern**, *DRAM Solution Team*, Samsung Electronics, Hwaseong, Korea  
Developed and validated BIOS modules for Intel Xeon server CPUs

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## Scholarships

- 2025 SNU Graduate Student Instructor (GSI) Scholarship
- 2024–2025 Jeongheon Foundation Scholarship
- 2022–2024 SNU AI Fellowship Scholarship