

# Hyunsoo Cha

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🌐 hyunsoocha.github.io

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## Education

- 9/2022–Present **M.S./Ph.D. Student**, *Artificial Intelligence*, Seoul National University, Seoul, Korea  
Advisor: Prof. Hanbyul Joo
- 3/2016–2/2022 **B.S.**, *Electrical Engineering*, Yonsei University, Seoul, Korea
- 3/2014–2/2016 **B.S. Coursework**, *Electrical Engineering*, Hanyang University, Seoul, Korea  
Transferred

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## Publications

- [4] “Vanast: Virtual Try-On with Human Image Animation via Synthetic Triplet Supervision”  
**Hyunsoo Cha**, Wonjung Woo, Byungjun Kim, Hanbyul Joo.  
*To be released.*
- [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.

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## 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

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## Talks

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

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## Services

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

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## 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