

Changsung Lim

Daejeon, Republic of Korea | cslim at kaist.ac.kr | www.cslim.xyz

EDUCATION

KAIST (Korea Advanced Institute of Science and Technology)

M.S. in Computer Science
Human-Computer Interaction Lab (HCIL), Advisor: Geehyuk Lee
(*Military Service: Sep 2022 - Mar 2024)

Daejeon, Republic of Korea
Expected Feb 2026

Chung-Ang University

B.S. in Computer Science and Engineering
Summa Cum Laude (GPA: 4.38/4.50)
Undergraduate Researcher @ Networked Systems Lab (NSL), Advisor: Jeongyeup Paek
- Indoor Localization, Time-Sensitive Networking (TSN)

Seoul, Republic of Korea
Mar 2018 - Feb 2022

Dec 2019 - Dec 2021

SELECTED PUBLICATIONS (c: conferences, d: demos, p: posters)

- [d.2] **Changsung Lim**, Yohan Yun, Geehyuk Lee. “Demonstrating TwinSpin: A Virtual Ball in a VR Controller Enabling In-Hand 3DoF Rotation” (UIST ‘25 Demos, People’s Choice Demo Honorable Mention Award)
- [c.1] **Changsung Lim**, Taejun Kim, Geehyuk Lee. “TwinSpin: A Virtual Ball in a VR Controller Enabling In-Hand 3DoF Rotation” (UIST ‘25 Papers - acceptance rate: 22.2%, Honorable Mention Award)
- [p.2] Sunbum Kim, Kyunghwan Kim, **Changsung Lim**, Geehyuk Lee. “Ball20: An In-Hand Near-Spherical 20-Sided Tangible Controller for Diverse Gesture Interaction in AR/VR” (CHI ‘25 LBW)
- [d.1] **Changsung Lim**, Sangyoon Lee, Geehyuk Lee. “DualPad: Exploring Non-Dominant Hand Interaction on Dual-Screen Laptop Touchpads” (UIST ‘24 Demos)
- [p.1] **Changsung Lim***, Jina Kim*, Myung Jin Kim*. “Thumble: One-Handed 3D Object Manipulation Using a Thimble-Shaped Wearable Device in Virtual Reality” (UIST ‘22 Posters)

AWARDS & HONORS

- ACM UIST 2025 People’s Choice Demo Honorable Mention Award Oct 2025
- ACM UIST 2025 Honorable Mention Award Sep 2025
- ICT Challenge 2025, Minister of Science and ICT Award (Republic of Korea) (1st out of 206 teams) Aug 2025
- Project: MidasRing (Always-available touchpad interaction with a wearable ring by friction sensing)
- Dean’s List for four semesters, Chung-Ang University Fall 2018 - Spring 2020

SCHOLARSHIP

- Full 4-year Scholarship, Chung-Ang University Mar 2018 - Feb 2022
- Merit-based Scholarship, Chung-Ang University Fall 2018 - Spring 2020
- Merit-based Scholarship, Chungcheongnam-do 2019

PATENTS

- [1] Geehyuk Lee, **Changsung Lim**, “XR Input Device Enabling Finger-based Rotational Input”, Patent App. EP25211321.2 (EP), 2025-182027 (JP), 10-2025-0134247 (KR), 19/371,205 (US), Korea Advanced Institute of Science and Technology, 2025.

SERVICES

- CHI 2026 Reviewer Oct 2025
- SIGCHI Korea Local Chapter Daejeon, Republic of Korea
- Student Volunteer Jun 2025

Republic of Korea Army
- Military Service, Sergeant (Honorable Discharge)

Republic of Korea
Sep 2022 - Mar 2024

TEACHING

CS206 Data Structure, KAIST (Teaching Assistant)
CS206 Data Structure, KAIST (Teaching Assistant)

Spring 2025
Fall 2024

ADDITIONAL

Technical Skills: Unity, Hardware Prototyping, Signal Processing, C/C++, Python, iOS App Development (Swift)

Last Updated: Nov 7, 2025.