

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.