

# Hyehyun Chu

Student at Seoul National University College of Liberal Studies, Aspiring HCI Researcher.  
Majoried in Computer Science and Engineering, Information Science and Culture.  
Fundamentally interested in helping people become proficient with technology. I believe that accessibility and learning in technology are crucial to achieving this goal. Therefore, I'm interested in the fields of Accessibility, Human-AI Interaction, and Computer-Supported Collaborative Learning.

## Education

### Seoul National University, Seoul

BS in College of Liberal Studies,  
Computer Science and Engineering, Information Science and Culture  
March 2019 — August 2024

### Nanyang Technological University, Singapore

Exchange Student in Computer Science  
January 2022 — May 2022

## Research Experience

### KIXLAB, KAIST.

Research Assistant (Advisor: Prof. Juho Kim)  
July 2024 — Present  
Figma, Github, Notion, React

- Participating on the automotive UI generation based on user's LLM usage

### HCI+d Lab, Seoul National Univ.

Research Assistant (Advisor: Prof. Hajin Lim, Prof. Joonhwan Lee)  
February 2024 — Present  
Next.js, Typescript, Figma, Github, Notion

- Actively involved in the development and design of a project website for a research study on generating digital doppelgänger by LLM, which is a collaboration with CMU

## Internships

### Software Developer at Samsung Electronics, Suwon

July 2023 — August 2023  
React, Javascript, Figma, Python, Github, Jira, Confluence

- Developed a internal service that increased productivity of company employees
- Planned new UX/UI based on the incoming POV and design an efficient API communication structure

### Project Manager at AIMED, Seoul

June 2021 — December 2021  
Figma, Microsoft Office

- Collaborated with the developers to ensure tasks were completed on time and met quality standards
- Analyzed project data and created reports to present to senior management, resulting in improved decision-making

## AWARDS & RECOGNITION

### HCIK Best Paper Award

January 2024

- Won Best Paper Award by 'EmoBridge: Design of a Collaborative Note-taking System to Improve Communication between Students with Disabilities and Peer Notetaker'

### JUNCTION ASIA 2023 HACKATHON, Busan

August 2023

- Won 2nd Place in CNK Track of Junction Asia 2023 Hackathon with an delivery service for reclusive loners
- Participated in PM, Design, Development

### SPARCS HACKATHON, Seoul

January 2023

- Won Silver Award at KAIST SPARCS Hackathon with an alternative text generation service for the visually impaired people
- Participated in PM, Design, Development

### Merit Based Scholarship

March 2020 — June 2024

## Details

Songpadaero 567,  
529-604, Seoul,  
05503, Korea, Republic  
of, +8210-3201-0706  
[ded06031@snu.ac.kr](mailto:ded06031@snu.ac.kr)

## Date of birth

1999.07.06

## Links

[GITHUB](#)  
[LINKED IN](#)  
[PERSONAL WEBSITE](#)

## Skills

Communication Skills  
HTML & CSS  
Javascript  
Typescript  
React  
Next.js  
Python  
Java  
Figma  
Notion  
Git

## Languages

Korean  
English  
Japanese

## Hobbies

Digital illustration,  
Jamming with rock  
band

## Publications

### **EmoBridge: Bridging the Communication Gap between Students with Disabilities and Peer Note-Takers Utilizing Emojis and Real-Time Sharing**

Hyungwoo Song\*, Minjeong Shin\*, Hyehyun Chu\*, Jiin Hong\*, Jaechan Lee, Jinsu Eun, & Hajin Lim.  
ASSETS 2024 Technical Papers.

### **EmoBridge: Design of a Collaborative Note-taking System to Improve Communication between Students with Disabilities and Peer Notetaker**

Hyungwoo Song\*, Minjeong Shin\*, Hyehyun Chu\*, Jiin Hong\*, Jaechan Lee, Jinsu Eun, & Hajin Lim.  
HCI Korea 2024

(\* indicates equal contribution)

## Projects

### **Emotion-based Artwork Search for Users Utilizing LLM**

March 2024 — June 2024

### **Calendy: Time Management Application powered by Caledar and AI Manager**

September 2023 — December 2023

### **Analyzing Speaker Personas in K-Pop Love Songs: Using GPT**

March 2023 — June 2023

## Invited Talk & Lecture

### **Figma 1-day class**

Human Computer Interaction, Seoul National University  
May 2024

### **Information Science and Culture, HCI, What is it?**

Major Design Support Center, Seoul National University  
May 2023