

## EDUCATION

PRESENT	<b>Korea Advanced Institute of Science and Technology</b>
SEP 2021	Masters Program, School of Computing (Advisor: <u>Insik Shin</u> )
Daejeon, Korea	
AUG 2020	<b>Pohang University of Science and Technology</b>
MAR 2014	B.S. in Convergence IT Engineering
Pohang, Korea	

## RESEARCH

JUN 2023	<b>SaNDwich Lab, University of Notre Dame</b>
AUG 2023	Visiting Student (Advisor: <u>Toby Jia-Jun Li</u> )
South Bend, IN	Will submit to UIST '24, led research about an LLM-based task-oriented multimodal agent system that refines mobile web experience for older adults
SEP 2021	<b>KIXLAB, KAIST</b>
SEP 2020	Research Collaborator (Advisor: <u>Juho Kim</u> , Mentor: <u>Jean Y. Song</u> )
Daejeon, Korea	Published to CHI '23, led research about a system that supports community moderators to configure the automated moderation tool
AUG 2017	<b>HCI+D Lab, Seoul National University</b>
JUL 2017	Research Intern (Advisor: <u>Joonhwan Lee</u> , Mentor: <u>Wookjae Maeng</u> )
Seoul, Korea	Published at HCI Korea '18, conducted a participatory design workshop for a system to prevent sexual harassment in online games

## PUBLICATION

- ModSandbox: Facilitating Online Community Moderation Through Error Prediction and Improvement of Automated Rules**  
Jean Y Song\*, Sangwook Lee\*, Jisoo Lee, Mina Kim, Juho Kim  
(\*Equal Contribution)  
*CHI 2023: ACM Conference on Human Factors in Computing Systems*
  - As a co-first author, I analyzed interviews with Reddit moderators, developed the ModSandbox system using Figma, React, and Django, and conducted a remote user study with Reddit moderators.
  - I mainly revised the paper for one year and got accepted in CHI 2023.
- LV-Linker: Supporting Fine-grained User Interaction Analyses by Linking Smartphone Log and Recorded Video Data**  
Hansoo Lee, Sangwook Lee, Youngji Koh, Uichin Lee  
*UIST 2022: ACM Symposium on User Interface Software and Technology*
  - Designed and developed the LV-Linker system using React
  - Presented the poster at UIST 2022.
- A-Mash: Providing Single-App Illusion for Multi-App Use Through User-centric UI Mashup**  
Sunjae Lee, Hoyoung Kim, Sijung Kim, Sangwook Lee, Hyosu Kim, Jean Young Song, Steve Ko, Sangeun Oh, Insik Shin  
*MobiCom 2022: ACM International Conference on Mobile Computing and Networking*
  - Designed and conducted the user evaluation of the A-Mash system
  - Wrote the usability study section of the paper

## EXPERTISE

<b>HCI Research</b>
Semi-structured Interview
Thematic Analysis
Affinity Diagram
Open Coding
Heuristic Evaluation
Usability Testing

<b>UX Design</b>
Graphical UI Design
Interaction Design
Participatory Design
Data Visualization
Lo-Fi Prototyping
Hi-Fi Prototyping

<b>Tools</b>
Prototyping tool
Figma, Arduino
Front-end development
React, React Native, Flutter
Back-end development
Express, Fastify, Django, Prisma
Data processing
Pandas, Pytorch, Plot.ly
Programming Language
C, C++, JavaScript, TypeScript, Python, R, Dart
Media Creation
Final Cut Pro X, Motion 5, Adobe Premiere Pro,

<b>Language</b>
Korean (native)
English (fluent)

## PUBLICATION

### 4. Implications for the Design of Sexual Harassment Prevention System for Online Games

Wookjae Maeng, Hyeok Kim, Junhee Woo, Youngjin Huh, Seo-young Lee, Jeewon Choi, **Sangwook Lee**, Jinsu Eun, Kung Jin Lee, Joonhwan Lee

*HCI Korea 2018*

- Planned and conducted the participatory design workshop to design the sexual harassment prevention system for online games with stakeholders.

### 5. Mutiv: Music-based Mobile Application to Support Joggers

**Sangwook Lee**, Hyunggu Jung

*ICHI 2016: IEEE International Conference on Healthcare Informatics, Posters*

### 6. LaneMate: Car sensing system for the deaf

**Sangwook Lee**, Yunho Kang, Yukyoung Lee

*CHI 2016: ACM Conference on Human Factors in Computing Systems,*

*Student Design Competition, 🎉 Honorable Mention*

## EXPERIENCE

### Student Volunteer

CHI 2023 (On-site)

CHI 2022 (Remote)

CHI 2021 (Remote)

CSCW 2020 (Remote)

### Reviewer

CSCW 2024

CHI 2023 LBW

### Online Community

Clien (7 years)

DCInside (4 years)

Reddit (4 years)

## AWARDS

OCT 2022 Gary Marsden Travel Awards, SIGCHI, ACM

OCT 2017 1st Place, The 5th Human Rights Research Projects Contest, SNU, Korea

MAY 2016 CHI 2016 Student Design Competition Honorable Mention, ACM

## TEACHING

Fall 2023 Human Computer Interaction, KAIST CS584, Instructor: Geehyuk Lee

Fall 2020 Operating System, KAIST CS330, Instructor: Insik Shin