

# SANGWOOK LEE

HCI Researcher for better online communication

Daejeon, South Korea  
He/His/Him

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## EXPERTISE

### HCI Research

Semi-structured Interview  
Thematic Analysis  
Affinity Diagram  
Open Coding  
Heuristic Evaluation  
Usability Testing

### UX Design

Graphical UI Design  
Interaction Design  
Participatory Design  
Data Visualization  
Lo-Fi Prototyping  
Hi-Fi Prototyping

### Tools

Prototyping tool  
Figma, Arduino  
Front-end development  
React, React Native, Flutter  
Back-end development  
Express, Django  
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,

### Language

Korean (native)  
English (fluent)

## EDUCATION

### HCI Research

PRESENT  
SEP 2021  
Daejeon, Korea

AUG 2020  
MAR 2014  
Pohang, Korea

### Korea Advanced Institute of Science and Technology

Masters Program, School of Computing (Advisor: Insik Shin) GPA 3.88/4.3

### Pohang University of Science and Technology

B.S. in Convergence IT Engineering GPA 3.48/4.3 Cum Laude

## RESEARCH

### UX Design

SEP 2021

SEP 2020

Daejeon, Korea

AUG 2017

JUL 2017

Seoul, Korea

### KIXLAB, KAIST

Research Collaborator (Advisor: Juho Kim, Mentor: Jean Y. Song)

Submitted to CHI '23, led research about a system that supports community moderators to configure the automated moderation tool

### HCI+D Lab, Seoul National University

Research Intern (Advisor: Joonhwan Lee, Mentor: Wookjae Maeng)

Published at HCI Korea '18, conducted a participatory design workshop for a system to prevent sexual harassment in online games

## PUBLICATION

### 0. ModSandbox: Rapid Verification of Automated Moderation Rules in an Online Community

Jean Y Song, **Sangwook Lee**, Jisoo Lee, Mina Kim, Juho Kim

*Under Review, CHI 2023: ACM Conference On Computer-Supported Cooperative Work And Social Computing*

- Submitted to CSCW 2023 and got a major revision. The amount of revision requested was not feasible to be handled in the revision period, so we withdrew the paper and resubmitted it to CHI 2023.
- 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.

### 1. 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 and will present the poster at UIST 2022.

### 2. 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 and wrote the paper draft.

### 3. 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.

## EXPERIENCE

### Student Volunteer

CHI 2022  
CHI 2021  
CSCW 2020

### Online Community

Clien (7 years)  
DCInside (4 years)  
Reddit (4 years)

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

**Sangwook Lee, Hyunggu Jung**

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

### 5. 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*

## AWARDS

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 2020      Operating System, KAIST CS330, Instructor: Insik Shin

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CHI 2021  
CSCW 2020

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