

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)

Pohang University of Science and Technology

B.S. in Convergence IT Engineering

RESEARCH

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

- ModSandbox: Facilitating Online Community Moderation Through Error Prediction and Improvement of Automated Rules**
Jean Y Song & **Sangwook Lee**, Jisoo Lee, Mina Kim, Juho Kim
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 regularly revised the paper for one year and finally 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 and will present 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 and wrote the paper draft.
- 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.

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EXPERIENCE

Student Volunteer

CHI 2022

CHI 2021

CSCW 2020

Online Community

Clien (7 years)

DCInside (4 years)

Reddit (4 years)

PUBLICATION

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

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 2020 Operating System, KAIST CS330, Instructor: Insik Shin