Sangjun Park

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RESEARCH INTEREST

My research interests span **Human-Computer Interaction (HCI), Explainable AI (XAI), and Personal Informatics**. In particular, I'm willing to focus on *how AI models can enhance decision-making by effectively leveraging personal data*. This includes exploring how these models should explain their inner workings, and what kinds of structures best support transparency and effectiveness.

EDUCATION

KAIST

Ph.D. in Computer Science — Mar. 2024 – Present
M.S. in Computer Science (Advisor: Uichin Lee) — Mar. 2022 – Feb. 2024
B.S. in Electrical Engineering & Mathematics — Mar. 2017 – Aug. 2021

PUBLICATIONS

Conference and Journal Papers

A PPG Signal Dataset Collected in Semi-Naturalistic Settings Using Galaxy Watch
Sangjun Park, Dejiang Zheng, Uichin Lee.
Scientific Data, 12(1), pp. 1–13, 2025.

Deepstress: Supporting Stressful Context Sensemaking in Personal Informatics Systems Using a Quasi-Experimental Approach
Gyuwon Jung, **Sangjun Park**, Uichin Lee.
CHI 2024: Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems.

Tutorial on Matching-based Causal Analysis of Human Behaviors Using Smartphone Sensor Data.
Gyuwon Jung,**Sangjun Park**, Eunyeol Ma, Heeyoung Kim, Uichin Lee.
ACM Computing Surveys, 56(9), pp. 1–33, 2024.

Posters, Demos, and Workshop Papers

QuickRef: Should I Read Cited Papers for Understanding This Paper?
Sangjun Park, Chanhee Lee, Jieun Han, Uichin Lee.
CHI LBW 2023: Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems.

Data-driven Digital Therapeutics Analytics.
Uichin Lee, Gyuwon Jung, **Sangjun Park**, Eunyeol Ma, Heeyoung Kim, Yonggeon Lee, Youngtae Noh.
IEEE BigComp 2023: IEEE International Conference on Big Data and Smart Computing (BigComp), 2023.

Measuring Device-Specific Physical Activity Trackability in Multi-Device Environments.
Sangjun Park, Eunji Park, Paul H. Lee, Uichin Lee.
IEEE BigComp 2023: IEEE International Conference on Big Data and Smart Computing (BigComp), 2023.

Causal Analytic Process for Mobile Health Data.
Gyuwon Jung, Sangjun Park, Uichin Lee, Eunyeol Ma, Heeyoung Kim.
IEEE BigComp 2023: IEEE International Conference on Big Data and Smart Computing (BigComp), 2023.

TEACHING

Operating Systems and Lab (CS330), TA	Spring 2025
Introduction to Database (CS360), TA	Fall 2024
Introduction to Computer Network (CS341), TA	Spring 2024
IoT Data Science (CS565), TA	Spring 2023
Programming Practice (CS109), TA	Fall 2022

ACADEMIC SERVICES

Reviewer: CHI (2023–2024)