Subin Park

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LinkedIn Portfolio Github

EDUCATION

Bachelor of Science in Software Convergence, Data Science Track, Kyung Hee University   **Mar 2019 — Expected Feb 2024**

EXPERIENCE

Research Intern   **Jul 2023 — Aug 2023**
Hyundai Motor Company, *Infotainment Development Team*   Seoul, Republic of Korea
- Designed to enhance the usability of media streaming for automotive infotainment systems.
- Developed a React prototype for usability validation purposes.

Junior Researcher   **Sep 2021 — Jul 2023**
Mercari R4D, *Advisor: Dr. Bektur Ryskeldiev*   Tokyo, Japan
- Designing and evaluating UX that can assist the older adults when they use C2C market application.

Undergraduate Research Intern   **Sep 2019 — Present**
Human-Centered Artificial Intelligence Lab, *Supervisor: Prof. Hyunggu Jung*   Seoul, Republic of Korea
- Developing a Korean food photo recognition tool using a LiDAR sensor based on an express framework.
- Conducted t-test and Wilcoxon signed-rank tests using Python and R for statistical analysis of quantitative data.

Teaching Assistant   **Mar 2020 — Jun 2020, Mar 2022 — Jun 2023**
CSE103, Object Oriented Programming, *Kyung Hee University*   Yongin, Republic of Korea
- Interacted with students for answering their questions about concepts and techniques in object oriented programming in and out of the class.

Student Volunteer
CSCW'21, UIST'21, ASSETS'21, DIS'21, RecSys'21, RecSys'20
- Assisted in solving technical problems with conference attendees and forwarding questions about the presentation using conference platform such as Zoom, Gather, etc.

PUBLICATIONS

1. Na, S., **Park, S.**, Jun, J., Jeong, H., Yoo, T., Chun, M., Lee, H., Lee, H. G. & Jung, H. SUV: Students' Understanding Visualizer to Support Instructors in Synchronous Online Lectures. *IEEE Access* **11,** 88929–88945 (2023).

2. **Park, S.**, Lee, H., Kwon, M., Jung, H. & Jung, H. Understanding experiences of older adults in virtual reality environments with a subway fire disaster scenario. *Universal Access in the Information Society,* 1–13 (2022).

3. **Park, S.**, Jung, H., Choi, J. W., Park, J., Jun, J., Chun, M. & Jung, H. Exploring the Experiences of Student Volunteer and Student Volunteer Chair Communities at Academic Conferences. *Proceedings of the ACM on Human-Computer Interaction (CSCW '21)* (2021).

4. Jun, J., Seo, W., Park, J., **Park, S.** & Jung, H. Exploring the Experiences of Streamers with Visual Impairments. *Proceedings of the ACM on Human-Computer Interaction (CSCW '21)* (2021).

5. **Park, S.**, Kim, G. & Jung, H. Challenges and Opportunities for Accessible Seoul Metropolitan Buses: An Interview Study of People with Visual Impairments. *Proceedings of the 2020 Symposium on Emerging Research from Asia and on Asian Contexts and Cultures (AsianCHI '20)* (2020).

6. Seo, M., Lee, H., Choi, S., Jo, S., Jung, H., **Park, S.** & Jung, H. Exploring Experiences of Virtual Reality among Young and Older Adults in a Subway Fire Scenario: a Pilot Study. *In 25th ACM Symposium Virtual Reality Software and Technology (VRST '19)* (2019).

AWARDS & HONORS

Dec 2022   **Excellence Award,** KHU Software Festival 2022 (500,000 KRW)
Jun 2022   **OnDream Scholarship,** Hyundai Motor Chung Mong-Koo Foundation (Full-ride scholarship until graduation)
Feb 2022   **Excellence Prize in Barrier Free App Development Contest in Republic of Korea,** Hyundai AutoEver (5,000,000 KRW)
Apr 2021   **Gary Marsden Travel Awards,** ACM SIGCHI (CHI2021 registration support)
Apr 2020   **Best Presentation Award,** Localized Studies Session, Asian CHI Symposium 2020
Mar 2020   **DAOU Technology Fund Scholarship,** DAOU Technology (6,000,000 KRW)

SKILLS

Programming   Flutter (proficient), React (proficient), Swift (proficient), C++ (proficient), Python (familiar), Nodejs (familiar), Flask (familiar), LaTeX (familiar), NumPy (familiar), R (beginner)
Tools   Git, Linux/Ubuntu, MacOS, Kubernetes, IntelliJ, Xcode, Adobe XD, Figma, Miro