

Minji Park

mj.park@g.skku.edu | [minji-dev.github.io](https://github.com/minji-dev)

SKILLS AND INTEREST

Technical Interest: Accessibility, Human-Computer Interaction (HCI), Back-End, DevOps, Augmented Reality (AR)
Languages: Python, C/C++, SQL, Java, JavaScript, HTML/CSS
Technologies/Frameworks/Misc.: FastAPI, Django, Node.js, Express, NestJS, Prisma, Sequelize, AWS, Linux, Pytorch, CUDA, Unity, Arduino

EDUCATION

Sungkyunkwan University (SKKU) Seoul, South Korea
Bachelor of Science in Computer Science and Engineering (GPA: 4.21/4.5) *Feb. 2021 – Aug. 2025 (Expected)*

Gyeongbuk Science High School Uijeongbu, South Korea
Mar. 2018 – Feb. 2021

EXPERIENCE

Makeability Lab, University of Washington Seattle, WA / Virtual
Undergraduate Researcher (Advisor: Jaewook Lee) *Aug. 2023 – Present*

- Designed a discrete image exploration solution to be used by blind/low-vision users for wearable AR devices
- Developed hand gesture-based interaction and computer vision system for HoloLens, iOS, and watchOS

IDCLab, SKKU Seoul, South Korea
Undergraduate Researcher (Advisor: Prof. Jaemin Jo) *Mar. 2023 – Sep. 2024*

- Led a HoloLens app that receives radiation source information from a server and presents it to the user as a sphere
- Developed a multimodal information visualization system for analyzing the interaction in prescription and laboratory data of childhood chronic conditions

Kurly Inc. Seoul, South Korea
Industry-Academy Cooperation Undergraduate Researcher *Mar. 2022 – Dec. 2022*

- Improved worker traffic in a food distribution center using indoor Wi-Fi positioning technology
- Engineered Android applications that collect Wi-Fi signals, send them to the server, and visualize them on maps

SELECTED PROJECTS

System Consultant Group | *Official on-campus website development organization* *Mar. 2021 – Dec. 2022*

- Generated official webpages for SKKU and maintenance organization using Node.js, Express, and NestJS, effectively managing site updates
- Conducted technical stack study and endeavored to create a development culture as a vice president

OutFire | *Uni-DTHON; Hackathon at the top computer science university in South Korea* *Nov. 2023*

- Created a real-time fire reporting and communication system by implementing 1:1 P2P WebRTC facetime

Ssimply | *2nd place in SPARCS Start-up Hackathon 2023* *Jan. 2023*

- Created a government-supported initiative document automatic generation service for startups using NestJS and MySQL

PEER-REVIEWED CONFERENCES AND DEMOS

[D.1] Jaewook Lee*, Sieun Kim*, **Minji Park**, Catherine Rasgaitis, and Jon E. Froehlich. 2024. Embodied AR Language Learning Through Everyday Object Interactions: A Demonstration of EARLL. *To Appear at UIST '24 Demo*

[C.2] Jaewook Lee, Andrew D Tjahjadi, Jiho Kim, Junpu Yu, **Minji Park**, Jiawen Zhang, Jon E. Froehlich, Yapeng Tian, and Yuhang Zhao. 2024. CookAR: Affordance Augmentations in Wearable AR to Support Kitchen Tool Interactions for People with Low Vision. *To Appear at UIST '24. arXiv pre-print:* <https://doi.org/10.48550/arXiv.2407.13515>

[C.1] **Minji Park**, Yunsu Noh, and Seongjun Jo. 2019. Deep Learning-based Environment-aware Home Automation System. *To Appear at KIICE '19*

HONORS AND AWARDS

Dean's List , SKKU (awarded two consecutive semesters)	2021
Academic and Talent Excellence Full Scholarship , OK Bae-Jung Scholarship Foundation	Fall 2021 – Present
Hope Scholarship, Korean Women's International Network	Aug. 2024
Hwaseong City Dream Scholarship, Hwaseong City Talent Development Foundation	2023, 2024
Student Success – Leadership Scholarship , SKKU	Fall 2021, Spring 2023, Fall 2023
Europe Training Project 'Technolpoe' Scholarship, Hwaseong City Talent Development Foundation	Aug. 2024
Student-led U.S. Training Project 'S-Global Challenger' Scholarship, SKKU	Jul. 2024
U.S. Training Project 'Blue Ladder' Scholarship , South Korea Ministry of Education	Aug. 2023
Student-led U.S. Training Project 'SKKU-BA-DIVE' Scholarship, SKKU	Jan. 2022
Student-led U.S. Training Project 'Global Challenge' Scholarship, SKKU	Aug. 2022
2nd place in SPARCS Start-up Hackathon 2023, KAIST SPARCS	Jan. 2023
3rd place in Sungkyun Tech Open Party 2022, SKKU	Feb. 2022
2nd place in Development Competition, Korea Society of Information Communication Security Ethics	Nov. 2021
3rd place & Popularity award in Samsung Junior SW Cup , Samsung Electronics Co., Ltd.	Dec. 2020
2nd place in 41st Gyeonggi-do Student Invention Contest, Gyeonggi-do Provincial Office of Education	Nov. 2020

TEACHING

Teaching Assistant: "AI Basics & Uses" (Spring 2023), "Pre-Python Course for Computer Science and Engineering freshman" (Winter 2022)

Extracurricular Activities: "Let's Play Software" Mentor at Naver Corp. (Jul. 2021 – Jun. 2022), "Big Data School" Mentor at Samsung Card Co., Ltd. (Mar. 2021 – Sep. 2023)

LEADERSHIP ACTIVITIES

7th College of Computing and Informatics Student Council, SKKU Dec. 2022 – Nov. 2023

Director of Public Relations

- Led a promotional department consisting of three teams: Promotion Planning, Design, and Media
- Managed the planning, task allocation, production, and feedback processes for promotional materials
- Organized new events for students as an executive member of the student council, including meetings with professionals, mentoring sessions, a toy project competition, and a hackathon

11th Major Department Student Ambassador "Alimi", SKKU Mar. 2021 – Jul. 2022

Vice President

- Delivered presentations introducing the department during a nationwide tour of high schools and at software expos
- Organized departmental experience mentorship programs in C/Python for high school students