



Jungeun Lee

jungeunlee.me | [LinkedIn](#) | [GitHub](#) | Email: jelee@postech.ac.kr
107-1, Science Building 4, 77 Cheongam-Ro, Pohang, Gyeongbuk, South Korea 37673

SUMMARY

I am Jungeun Lee, a Ph.D. student at [HIS Lab](#), CSE, POSTECH, advised by Prof. [Inseok Hwang](#). My research interests lie in HCI, ubiquitous/mobile computing. Specifically, I focus on personalizing standardized norms by generating contextualized guidelines.

EDUCATION

Pohang University of Science and Technology (POSTECH) <i>Ph.D. Student, Computer Science and Engineering</i>	Pohang, South Korea Sep 2021 – Current
Pohang University of Science and Technology (POSTECH) <i>B.S., Computer Science and Engineering</i> Magna Cum Laude	Pohang, South Korea Feb 2017 – Aug 2021

PUBLICATIONS (REGULAR PAPERS)

<u>Open Sesame? Open Salami! Personalizing Vocabulary Assessment-Intervention for Children via Pervasive Profiling and Bespoke Storybook Generation</u> <i>Jungeun Lee, Suwon Yoon, Kyoosik Lee, Eunae Jeong, Jae-Eun Cho, Wonjeong Park, Dongsun Yim, Inseok Hwang</i> Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI)	2024
<u>ProxiFit: Proximity Magnetic Sensing Using a Single Commodity Mobile toward Holistic Weight Exercise Monitoring</u> <i>Jiha Kim, Younho Nam, Jungeun Lee, Young-Joo Suh, Inseok Hwang</i> Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)	2023
<u>SleepGuru: Personalized Sleep Planning System for Real-life Actionability and Negotiability</u> <i>Jungeun Lee, Sunnam Kim, Minki Cheon, Hyojin Ju, JaeEun Lee, Inseok Hwang</i> Proceedings of the 35th Annual ACM Symposium on User Interface Software and Technology (UIST)	2022

PUBLICATIONS (ADJUNCT)

DOCTORAL COLLOQUIUM

<u>Hyper-personalizing Common Norms through Principled Bespoke Generation</u> <i>Jungeun Lee, Inseok Hwang</i> UbiComp/ISWC '23 Adjunct: Adjunct Proceedings of the 2023 ACM International Joint Conference on Pervasive and Ubiquitous Computing & the 2023 ACM International Symposium on Wearable Computing (UbiComp)	2023
--	------

DEMO

<u>Demonstrating ProxiFit: Proximal Magnetic Sensing using a Single Commodity Mobile toward Holistic Weight Exercise Monitoring (🏆 People's Choice Award for Demos)</u> <i>Jiha Kim, Younho Nam, Jungeun Lee, Young-Joo Suh, Inseok Hwang</i> UbiComp/ISWC '23 Adjunct: Adjunct Proceedings of the 2023 ACM International Joint Conference on Pervasive and Ubiquitous Computing & the 2023 ACM International Symposium on Wearable Computing (UbiComp)	2023
<u>Demonstrating SleepGuru: Personalized Sleep Planning System for Real-life Actionability and Negotiability</u> <i>Jungeun Lee, Hyojin Ju, Sunnam Kim, Minki Cheon, JaeEun Lee, Inseok Hwang</i> Adjunct Proceedings of the 35th Annual ACM Symposium on User Interface Software and Technology (UIST)	2022
<u>TouchVR: A Modality for Instant VR Experience</u> <i>Sungjae Cho, Jungeun Lee, Inseok Hwang</i> Adjunct Proceedings of the 35th Annual ACM Symposium on User Interface Software and Technology (UIST)	2022

PATENTS (INTERNATIONAL)

Personalized Sleep Planning System Considering Individual Dynamic Constraints and Sleep Schedule Creating Method Using Same 2022
U.S. Patent Pending (Application No. 17/886446, Application Date: 11-AUG-2022)

PATENTS (DOMESTIC)

Personalized Storybook Creation System for Vocabulary Assessment and Intervention by Profiling Children's Language Environment 2024
(Preparing Application)

Proximity Magnetic Sensing Using a Single Commodity Mobile for Weight Exercise Monitoring 2024
(Preparing Application)

Personalized Sleep Planning System Considering Individual Dynamic Constraints and Sleep Schedules Creation Method Therefore 2022
10-2022-0018999

EXPERIENCE

Frontend Developer (Intern) Jul 2018 – Jul 2019
Plat Corp

- Developed and maintained *Carplat* and *Carplat Partners* websites with **HTML, CSS, React, and Redux**
- Maintained *Carplat* Android app

ACADEMIC SERVICES

Artifact Evaluation Reviewer 2022
The 20th ACM International Conference on Mobile Systems, Applications, and Services (**MobiSys**)

SCHOLARSHIPS, HONORS & AWARDS

People's Choice Award for Demos Oct 2023
ACM UbiComp 2023

BK21 Best Paper Award Jan 2023
Dept of CSE, POSTECH

National Scholarship for Science and Engineering Mar 2020 - Aug 2021
Ministry of Science and ICT

The 7th POSTECH Hackathon (2nd Prize) Nov 2019
POSTECH

TEACHING EXPERIENCES

TA, CSED800B Computer Science Colloquium Fall 2023
POSTECH

TA, CSED490D Introduction to Mobile & Ubiquitous Computing Fall 2022
POSTECH

TA, CSED353 Computer Networks Spring 2022
POSTECH