



Jungeun Lee

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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>Honorable Mention</i> <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, Sungham 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
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DEMO

<u>Demonstrating ProxiFit: Proximal Magnetic Sensing using a Single Commodity Mobile toward Holistic Weight Exercise Monitoring</u> 🏆 <i>People's Choice Award for Demos</i> <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, Sungham 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

HONORS & AWARDS

Honorable Mention ACM CHI 2024	May 2024
People's Choice Award for Demos ACM UbiComp 2023	Oct 2023
BK21 Best Paper Award Dept of CSE, POSTECH	Jan 2023
National Scholarship for Science and Engineering Ministry of Science and ICT	Mar 2020 - Aug 2021
The 7th POSTECH Hackathon (2nd Prize) POSTECH	Nov 2019

INVITED TALKS

Korea Computer Congress (KCC) 2023 Oral Presentation at Top Conference Session <ul style="list-style-type: none">Topic - <i>SleepGuru: Personalized Sleep Planing System for Real-life Actionability and Negotiability</i>	Jun 2023 Jeju, Korea
Google ExploreCSR Workshop for Women in EECS Oral Presentation <ul style="list-style-type: none">Topic - <i>Hyper-personalization through Principled Bespoke Generation</i>	Mar 2023 Pohang, Korea
DelightRoom Co., Ltd. Invited Talk <ul style="list-style-type: none">Topic - <i>Personalization of sleep schedules considering individuals' real-life constraints</i>DelightRoom is a start-up company on sleep technology, with more than 75 million users worldwide.	Aug 2022 Seoul, Korea

PATENTS (INTERNATIONAL)

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

Personalized Storybook Creation System for Vocabulary Assessment and Intervention by Profiling Children's Language Environment (Preparing Application)	2024
Proximity Magnetic Sensing Using a Single Commodity Mobile for Weight Exercise Monitoring (Preparing Application)	2024
Personalized Sleep Planning System Considering Individual Dynamic Constraints and Sleep Schedules Creation Method Therefore 10-2022-0018999	2022

EXPERIENCE

Frontend Developer (Intern) <i>Plat Corp</i> <ul style="list-style-type: none">Developed and maintained <i>Carplat</i> and <i>Carplat Partners</i> websitesMaintained <i>Carplat</i> Android app	Jul 2018 – Jul 2019
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ACADEMIC SERVICES

Artifact Evaluation Reviewer ACM MobiSys	2022
Reviewer ACM CHI	2024

TEACHING EXPERIENCES

TA, CSED800B Computer Science Colloquium POSTECH	Fall 2023
TA, CSED490D Introduction to Mobile & Ubiquitous Computing POSTECH	Fall 2022
TA, CSED353 Computer Networks POSTECH	Spring 2022