DOKYUN LEE

Daegu Gyeongbuk Institute of Science and Technology (DGIST), Republic of Korea

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RESEARCH INTERESTS

Human-Computer Interaction (HCI), Human-AI Interaction (HAI), Crowdsourcing, Content Moderation, Social Media, and Mental Health. I explore interaction and AI technologies to develop or adjust software tools that minimize the mental harm users may experience in network environments.

EDUCATION

Mar. 2022 – Present *Advisor: JeanY. Song*	**Daegu Gyeongbuk Institute of Science & Technology (DGIST)** *Integrated M.S. & Ph.D. Electrical Engineering and Computer Science*
Mar. 2015 – Feb. 2019	**Ulsan National Institute of Science & Technology (UNIST)** *B.S. in School of Mechanical and Aerospace Engineering (major)* *B.S. in Human Factors Engineering (minor)*

EXPERIENCE

Mar. 2022 – Present *Advisor: JeanY. Song*	**Designing Intelligence Augmentation Group (DIAG), DGIST** *Graduate Student* Exploring interaction and AI technologies to develop or adjust software tools that minimize the mental harm users may experience in network environments.
Aug. 2021 – Feb. 2022 *Advisor: JeanY. Song*	**Designing Intelligence Augmentation Group (DIAG), DGIST** *Research Intern* Experienced foundational research in Human-Computer Interaction (HCI), including experimental design, and data analysis.

AWARDS & HONORS

Mar. 2022	**DGIST National Scholarship** Fully funded by the DGIST National Scholarship (approx. $26900)
Mar. 2015	**UNIST National Scholarship** Fully funded by the UNIST National Scholarship (approx. $21000)

PUBLICATION

Conference Papers

The Impact of Haptic and Auditory Feedback on Drivers' Experience During Left and Right Vehicle Detection While Driving

Taehun Kim, Dokyun Lee, TaeHoon Her, Kanghyeon Ko, and Jean Y. Song

In Proceedings of HCI Korea 2025 – HCI Korea 2025

Exploring Intervention Techniques for Psychological Protection and Task Sustainability of Microtask Crowd Workers

Dokyun Lee, Sangeun Seo, and Jean Y. Song

In Proceedings of HCI Korea 2025 – HCI Korea 2025

Exploring Intervention Techniques to Alleviate Negative Emotions during Video Content Moderation Tasks as a Worker-centered Task Design

Dokyun Lee, Sangeun Seo, Chanwoo Park, Sunjun Kim, Buru Chang, and Jean Y. Song

In Proceedings of the ACM Conference on Designing Interactive Systems - DIS 2024

TEACHING & MENTORING

2022, 2023, 2024	**Undergraduate Group Research Mentoring Program**
	DGIST Mentoring UGRP (Undergraduate Group Research Program) team
Fall 2024	**Introduction to Programming**
	DGIST BE101a Teaching Assistant (Head TA), Instructor: Yeseong Kim
Fall 2023	**Introduction to Programming**
	DGIST BE101a Teaching Assistant (Head TA), Instructor: Jean Y. Song
Fall 2022	**Introduction to Programming**
	DGIST BE101a Teaching Assistant, Instructor: Jean Y. Song

ACADEMIC SERVICES

Reviewer

  C&C 2024, 2025

  CHI 2024, 2026

  CSCW 2024

  CHI LBW 2023, 2025

Student Volunteer

  DGIST EECS Student Conference & Happy Hour 2023

SKILLS

Computer Languages & Tools – Python, Javascript, HTML, Django, JASP, Illustrator