

HYUNMIN LEE

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EDUCATION

University of Seoul

Master of Science in Computer Science

March 2023 - Present

Seoul, Republic of Korea

University of Seoul

Bachelor of Science in Computer Science

March 2019 - February 2023

Seoul, Republic of Korea

EXPERIENCES

Research Intern, University of Seoul

Human-Centered Artificial Intelligence Lab (HCAIL), Supervisor: Prof. Hyunggu Jung

June 2021 - Present

Seoul, Republic of Korea

- Creating a visual analytics tool for explaining data poisoning attacks through food app reviews

Teaching Assistant, University of Seoul

71008, Discrete Mathematics

2022 Spring Semester

- Took charge of handling students' assignments and scoring them

71005, Programming Languages

2022 Fall Semester

- Took charge of handling students' assignments and scoring them

71008, Discrete Mathematics

2023 Spring Semester

- Took charge of handling students' assignments and scoring them

71005, Programming Languages

Expected on 2023 Fall Semester

- Took charge of handling students' assignments and scoring them

Student Volunteer

CSCW 2022

- Worked as a discord moderator and help desk moderator of the online session in Gather.town

SIGCHI Korea Local Chapter Summer Event 2022

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ACM FAccT 2022

- Checked videos of the accepted papers and uploaded them to the online sessions if they had no problems
- Took care of the session by checking online live-streaming environments

IUI 2023

- Worked on the registration desk and helped conference participants on register

IJCAI 2024

- Worked on the registration desk and helped conference participants on register

PUBLICATIONS

Moon Y, **Lee H**, Oh S, Jung H. (2024). SaGol: Using MiniGPT-4 to Generate Alt Text for Improving Image Accessibility. *In Proceedings of the Thirty-Third International Joint Conference on Artificial Intelligence*.

Lee H, Oh S, Han J, Jung H. (2024). Creating a bias-free dataset with food delivery app reviews under data poisoning attack *Data in Brief*, 55, 1-8.

Jeong H, Chun M, **Lee H**, Oh S, Jung H. (2023). WATAA: Web Alternative Text Authoring Assistant for Improving Web Content Accessibility. *In 28th International Conference on Intelligent User Interfaces-Companion*.

Lee H, Jung H. (2023). PORDE: Explaining Data Poisoning Attacks Through Visual Analytics with Food Delivery App Reviews. *In 28th International Conference on Intelligent User Interfaces-Companion*.

Lee H, Jung H. (2022). System for Analyzing Bias of Data to Develop Artificial Intelligence Models: a Case Study of Food Delivery App Reviews. *In Proceedings of Korea Software Congress, 1302-1304*.

Chun M, Jeong H, **Lee H**, Yoo T, Jung H. (2022). Development of Korean Food Image Classification Model Using Public Food Image Dataset and Deep Learning Methods. *IEEE Access, 10, 128732-128741*.

Lee H, Chun M, Jeong H, Jung H. (2022). Toward Fairness in Artificial Intelligence: Uncovering Food Delivery App Reviews with Poisoning Attacks. *Communications of the Korean Institute of Information Scientists and Engineers, 40(11), 44-52*.

Lee H, Jung H. (2022). Auto Labeling Restaurant Notices of Delivery Applications using Text Classification Model. *In proceedings of Korea Computer Congress, 1967-1969*.

AWARDS

Excellence Prize in Barrier Free App Development Contest, Hyundai AutoEver	Feb 2024
Encouragement Award in Real-world problem solving team competition, University of Seoul	Feb 2024
Excellence Prize in Research Project Proposal Competition, University of Seoul	Jan 2024
Gary Marsden Travel Awards, ACM SIGCHI	March 2023

SKILLS

Languages	Python(proficient), C++(familiar), Java(familiar), R(familiar), JavaScript(beginner)
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