# HYUNMIN LEE

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## EDUCATION

**University of Seoul**  March 2023 - Present
*Master of Science in Computer Science*  Seoul, Republic of Korea

**University of Seoul**  March 2019 - February 2023
*Bachelor of Science in Computer Science*  Seoul, Republic of Korea

## EXPERIENCES

**Research Intern, University of Seoul**  2021 - 2022
*Human-Centered Artificial Intelligence Lab (HCAIL), Supervisor: Prof. Hyunggu Jung*  *Seoul, Republic of Korea*

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

**Teaching Assistant, University of Seoul**

*71005, Programming Languages*  2023 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*  2022 Fall Semester

- Took charge of handling students' assignments and scoring them

*71008, Discrete Mathematics*  2022 Spring Semester

- Took charge of handling students' assignments and scoring them

**Student Volunteer**

*IUI 2023*

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

*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*

- Took a role of staff during the chapter

*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

## PUBLICATIONS

Yoo T, **Lee H**, Oh s, Kwon H, Jung H. (2023). Visualizing the Carbon Intensity of Machine Learning Inference for Image Analysis on TensorFlow Hub. *In 23rd ACM Conference on Computer-Supported Cooperative Work and Social Computing (to appear).*

Oh S, **Lee H**, Jung H. (2023). Toward Model Selection Through Measuring Dataset Similarity on TensorFlow Hub. *In ICML 2023 Workshop Artificial Intelligence and Human-Computer Interaction 2023*

**Lee H**, Oh S, Jung H. (2023). Creating a Bias-Free Dataset of Food Delivery App Reviews with Data Poisoning Attacks. *In ICML 2023 Workshop Artificial Intelligence and Human-Computer Interaction 2023*

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 2023*

**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 2023*

**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 & HONORS

**Top 8 Finalists in Barrier Free App Development Contest, Hyundai AutoEver**      Aug 2023
**Gary Marsden Travel Awards, ACM SIGCHI**      March 2023

## SKILLS

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