

# HYUNMIN LEE

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## EDUCATION

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### 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

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### 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

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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

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

## SCHOLARSHIPS

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Researchers Participating in R&D Projects Scholarship	2023 Fall Semester
University Innovation Support Program Scholarship	2023 Fall Semester
Teaching Assistant Scholarship (1,500,000 KRW)	2023 Fall Semester
Teaching Assistant Scholarship (1,500,000 KRW)	2023 Spring Semester
Research Mentoring Program Tutee Scholarship (300,000 KRW)	2022 Fall Semester
Teaching Assistant Scholarship (576,000 KRW)	2022 Fall Semester
University Innovation Support Program Scholarship (1,431,000 KRW)	2022 Fall Semester
National Research and Development Project Scholarship (760,000 KRW)	2022 Spring Semester
College of Engineering Teaching Assistant Scholarship (916,000 KRW)	2022 Spring Semester
Self-Directed Research Program Scholarship (1,200,000 KRW)	2021 Fall Semester
Faculty Support Scholarship (800,000 KRW)	2021 Fall Semester
Academic Excellence Scholarship (675,250 KRW)	2020 Spring Semester
Academic Excellence Scholarship (675,250 KRW)	2020 Fall Semester

## SKILLS

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