HYUNMIN LEE

+82-10-8858-8514 ⋄ Seoul, Republic of Korea

yunoa64@gmail.com ⋄ https://yunoa64.github.io/

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

SCHOLARSHIPS

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 Scholoarship (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

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