

Yubin Choi

✉ joyda2525@gmail.com (permanent)
🏠 yubin.choi@kaist.ac.kr 🌐 yubinchoi.com

RESEARCH INTERESTS

My research focuses on the intersection of Human-Computer Interaction and Natural Language Processing. I design, build, and evaluate inclusive and responsible intelligent systems that are practical for appropriate users' needs and values.

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

Daejeon, South Korea

- M.S. in School of Computing
• Advised by Professor Meeyoung Cha and Professor Joseph Seering
• GPA: 4.06/4.30

Mar 2023 – Feb 2025 (expected)

Ulsan National Institute of Science and Technology (UNIST)

Ulsan, South Korea

- B.S. in Major in Electrical Engineering and Minor in Human Factors Engineering
• *Summa Cum Laude (Top 2%)*

Mar 2018 – Feb 2022

Korea Advanced Institute of Science and Technology (KAIST)

Daejeon, South Korea

- Exchange Student Program during COVID-19

Mar 2021 – Aug 2021

RESEARCH EXPERIENCE

KAIST Collaborative Science Technologies Lab

Jan 2024 – Current

- Advisor: Professor Joseph Seering
- Graduate Research Assistant

IBS DataScience Group & KAIST Data Science Lab

Mar 2023 - Current

- Advisor: Professor Meeyoung Cha
- Graduate Research Assistant
- The Institute for Basic Science(IBS) is a national research institute in Korea

KAIST Data Interaction Design Lab

Mar 2022 - Feb 2023

- Advisor: Professor Hwajung Hong
- Research Intern

KAIST Interaction Lab

- Advisor: Professor Juho Kim
- Undergraduate Research Intern

Dec 2020 – Aug 2021

PUBLICATIONS

PREPRINT

[p.1] **Privacy Disclosure to Large Language Models: A Large-Scale Study on Awareness, Benefits, and Concerns in Health Contexts Across Three Countries**

Yubin Choi (1st author) with other authors
Under Revision & Resubimt for CHI 2025

[p.2] **Leveling Up Together: Fostering Positive Growth and Safe Online Spaces for Teen Roblox Developers**

Yubin Choi (1st author) with other authors
Under Revision & Resubimt for CHI 2025

[p.3] **Multi-Label Classification of UN Sustainable Development Goals with Large Language Models**

Yubin Choi (co-author) with other authors
Submitted to WebConference(WWW) 2025 Web4Good Track

CONFERENCES

- [c.1] **FitVid: Responsive and Flexible Video Content Adaptation**
Jeongyeon Kim, [Yubin Choi](#), Minsuk Kahng, Juho Kim
CHI 2022: ACM Conference on Human Factors in Computing Systems
- [c.2] **Mobile-Friendly Content Design for MOOCs: Challenges, Requirements, and Design Opportunities**
Best Paper Award (top 3%)
Jeongyeon Kim, [Yubin Choi](#), Meng Xia, Juho Kim
CHI 2022: ACM Conference on Human Factors in Computing Systems
- [c.3] **Exploring the use of Multimodal LLM generated labels in Economic Indicator estimation based on Satellite Imagery**
Darae Lee, Minhyuk Song, [Yubin Choi*](#), Meeyoung Cha
Korean Institute of Information Scientists and Engineers
- [c.4] **Context-Aware Offensive Language Detection in Human-Chatbot Conversations**
Mingi Shin, Hyojin Chin, Hyeonho Song, [Yubin Choi*](#), Junghoi Choi, Meeyoung Cha
2024 IEEE International Conference on Big Data and Smart Computing (BigComp)
- [c.5] **Detecting Offensive Language in an Open Chatbot Platform**
Hyeonho Song, Jisu Hong, Chani Jung, Hyojin Chin, Mingi Shin, [Yubin Choi](#), Junghoi Choi, Meeyoung Cha
LREC-COLING 2024: Joint International Conference on Computational Linguistics, ACL Language Resources and Evaluation (LREC-COLING 2024)

WORKSHOP & SHORT PAPER

- [w.1] **Together we turn uncertainty into action: Understanding the Role of Artificial Intelligence in promoting Financial security of older adults**
[Yubin Choi](#), Dasom Choi, Hwajung Hong
CSCW 2023 Companion: Computer Supported Cooperative Work and Social Computing
- [w.2] **Fine-Grained Socioeconomic Prediction from Satellite Images with Distributional Adjustment**
Donghyun Ahn, Minhyuk Song, Seungeon Lee, [Yubin Choi](#), Jihee Kim, Sangyoon Park, Hyunjoo Yang, Meeyoung Cha
CIKM 2023 Short Paper: ACM International Conference on Information and Knowledge Management
- [w.3] **ChatFive: Enhancing User Experience in Likert Scale Personality Test through Interactive Conversation with LLM Agents**
Jungjae Lee*, [Yubin Choi*](#), Minhyuk Song, Sanghyun Park
CUI 2024 Poster: ACM Conversational User Interfaces

AWARDS & HONORS

- Korea Foundation for Advanced Studies (KFAS) Undergraduate Special Scholarship** 2020 – 2022
- Major: EE, Merit-based scholarship
 - First to received from undergrad university
- Korea National Scholarship for Science and Engineering** Mar 2020 – Feb 2022
- Merit-based scholarship, Top 3% of national Korean students
- UNIST, Dean's List** Mar 2018 – Feb 2022
- Top 3% in academic achievement for all 8 semesters
- UNIST, Academic Performance Scholarship** Mar 2018 – Feb 2022
- Tuition + stipend funding every semester
- KT Undergrad Scholarship** Sep 2019 – Dec 2019
- Merit-based scholarship by KT Group Hope Sharing Foundation
 - One in our university, recognized for volunteer work supporting visually impaired students and assisting undergrad as a UNIST EECS Student Council Member

ACADEMIC SERVICE	Reviewer CHI 2025, CUI 2024 CHI LBW 2024, CSCW Workshop 2024								
TEACHING	Graduate Counseling Assistant, KAIST <ul style="list-style-type: none"> ▪ Three counselors for the Computer Science Department. Mentoring undergraduate and graduate students in courses, research, and life. (Spring 2023) Graduate Teaching Assistant, KAIST <ul style="list-style-type: none"> ▪ CS101 Introduction to Programming (Fall 2024) ▪ CS394 Machine Learning (Fall 2023) ▪ Korean 1, Required courses for international students in KAIST (Winter 2023) Undergraduate Teaching Assistant, UNIST <ul style="list-style-type: none"> ▪ MTH301 Differential Equations (Spring 2021) ▪ AHS26101 Contemporary Philosophy (Spring 2019 - Spring 2020) ▪ ITP10701 Introduction to Artificial Intelligence (Spring 2020) ▪ Ulsan Welfare Center for the Blind, taught English and math (March - Dec 2019) 								
EMPLOYMENT	KT AI2XL Research Institute, Seoul, Korea July 2023 – Aug 2023 <ul style="list-style-type: none"> ▪ Graduate Research Intern ▪ Advisor: Juwon Sung, Jongseo Lee ▪ 1) Analyzed Giga Genie (AI speaker) large-scale dataset focusing on older adults, 2) Collected Dataset, fine-tuned BERT-based model for multi-label classification of older adults conversation with AI speaker on healthcare symptoms such as sleep disorder 								
MEDIA COVERAGE	Korea News for C.1 paper receiving the CHI'22 Best Paper Award (linked) May 2022 KAIST Department News for the C.5 paper receiving Korea Artificial Intelligence Conference '23 Honorable Mention (linked) December 2023								
SKILLS	<table border="0" style="width: 100%;"> <tr> <td style="width: 35%;">Programming Languages</td> <td>Python, TypeScript, R</td> </tr> <tr> <td>Tools</td> <td>PyTorch, React, Node.js, Docker, Figma</td> </tr> <tr> <td>Design</td> <td>Mixed Method Approach</td> </tr> <tr> <td>Language</td> <td>Proficient English (TOEFL 109 R28/L29/S27/W25)</td> </tr> </table>	Programming Languages	Python, TypeScript, R	Tools	PyTorch, React, Node.js, Docker, Figma	Design	Mixed Method Approach	Language	Proficient English (TOEFL 109 R28/L29/S27/W25)
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Design	Mixed Method Approach								
Language	Proficient English (TOEFL 109 R28/L29/S27/W25)								
REFERENCES	<ul style="list-style-type: none"> ▪ Meeyoung Cha Scientific Director, Max Planck Institute for Security and Privacy (MPI-SP) Professor of School of Computing, KAIST mia.cha@mpi-sp.org ▪ Joseph Seering Assistant Professor of School of Computing, KAIST seering@kaist.ac.kr ▪ Hwajung Hong Associate Professor of Department of Industrial Design, KAIST hwajung@kaist.ac.kr ▪ Juho Kim Associate Professor of School of Computing, KAIST juhokim@kaist.ac.kr ▪ Jae Joon Kim Professor of Electrical and Computer Engineering, UNIST jaejoon@unist.ac.kr 								

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