

DaEun Choi

SCHOOL OF COMPUTING · PH.D. STUDENT

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Summary

I am a 1st-year Ph.D. student in the School of Computing at KAIST. I am working with Prof. Juho Kim at KIXLAB (KAIST Interaction Lab). I'm interested in Human-Computer Interaction(HCI), especially in building AI-infused creativity supporting tools.

Education

Korea Advanced Institute of Science and Technology (KAIST)

Ph.D. in School of Computing

KIXLAB (KAIST Interaction Lab) (Advisor: Juho Kim)

Daejeon, Republic of Korea

Feb 2024 -

Korea Advanced Institute of Science and Technology (KAIST)

M.S. in School of Computing

KIXLAB (KAIST Interaction Lab) (Advisor: Juho Kim)

Daejeon, Republic of Korea

Feb 2022 - Feb 2024

Korea Advanced Institute of Science and Technology (KAIST)

B.S. in School of Computing (Double Major in Bio&Brain Engineering)

Magna Cum Laude

Daejeon, Republic of Korea

Mar 2017 - Feb 2022

Publication

CONFERENCE PAPERS

A Context-Aware Onboarding Agent for Metaverse Powered by Large Language Models

ACM DIS 2024

Jihyeong Hong, Yokyung Lee, Dae Hyun Kim, **DaEun Choi**, Yeo-Jin Yoon, Gyu-cheol Lee, Zucheul Lee, Juho Kim

CreativeConnect: Supporting Reference Recombination for Graphic Design Ideation with Generative AI

ACM CHI 2024

DaEun Choi, Sumin Hong, Jeongeon Park, John Joon Young Chung, Juho Kim

Demystifying Tacit Knowledge in Graphic Design: Characteristics, Instances, Approaches, and Guidelines

ACM CHI 2024 *Honorable Mention Award*

Kihoon Son, **DaEun Choi**, Tae Soo Kim, Juho Kim

GenQuery: Supporting Expressive Visual Search with Generative Models

ACM CHI 2024

Kihoon Son, **DaEun Choi**, Tae Soo Kim, Young-Ho Kim, Juho Kim

Surch: Enabling Structural Search and Comparison for Surgical Videos

ACM CHI 2023

Jeongyeon Kim, **DaEun Choi**, Nicole Lee, Matthew Beane, Juho Kim

Stylette: Styling the Web with Natural Language

ACM CHI 2022 *Honorable Mention Award*

Tae Soo Kim, **DaEun Choi**, Yoonseo Choi, Juho Kim

Reflect, not Regret: Understanding Regretful Smartphone Use with App Feature-Level Analysis

ACM CSCW 2021 *Best Paper Award & Method Recognition*

Hyunsung Cho, **DaEun Choi**, Donghwi Kim, Wan Ju Kang, Eun Kyoung Choe, and Sung-Ju Lee

POSTERS, DEMOS, WORKSHOP PAPERS

Unveiling Disparities inWeb Task Handling Between Human and Web Agents

ACM CHI 2024 Workshop on Computational Methodologies for Understanding, Automating, and Evaluating User Interfaces
Kihoon Son, Jinhyeon Kwon, **DaEun Choi**, Tae Soo Kim, Young-Ho Kim, Sangdoo Yun, Juho Kim

AudiLens: Configurable LLM-Generated Audiences for Public Speech Practice

ACM UIST 2023 Student Innovation Contest *Jury's Best SIC Honorable Mention Award*
Jeongeon Park*, **DaEun Choi** (*Equal contribution)

Techniques for Semantic Search and Comparison for Robotic Surgery Videos

ACM CHI 2022 Workshop on Integration of Human Factors in Surgery
Jeongyeon Kim, **DaEun Choi**, Matthew Beane, Juho Kim

Experiences

Undergraduate Research Intern	KIXLAB(KAIST Interaction Lab)	Jan 2021 - Feb 2022
Undergraduate Research Intern	NMSL(Networking & Mobile Systems Lab)	Aug 2020 - Dec 2020
Software Architect Intern	LG CNS	Jan 2020 - Feb 2020

Honors & Awards

AWARDS

Special Recognitions for Outstanding Reviews	DIS 2024	2024
Outstanding M.S. Thesis Award	School of Computing, KAIST	2024
Outstanding Edu 4.0Q TA Award	CS374: Intro to HCI	Spring 2023
Outstanding TA Award	CS101: Intro to Programming	Fall 2022
Dean's List	College of Engineering, KAIST	Fall 2020

SCHOLARSHIPS

Misook Lim Scholarship	Fall 2021
KAIST Exemplary Conduct Scholarship	2019

Teaching

CS101: Introduction to Programming	Spring 2019 - Fall 2024
Teaching Assistant	
CS374: Introduction to Human-Computer Interaction	Spring 2023
Teaching Assistant	

Service & Leadership

REVIEWER

CHI 2024 Late-Breaking Work	Feb 2024
DIS 2024	Mar 2024

STUDENT VOLUNTEER

CSCW 2022	Nov 2022
CHI 2024	May 2024

LEADERSHIP

Student Organizer	KAIST-Google ExploreCSR	Sep 2023 - Aug 2024
Head of Media Team	KAIST Graduate Student Association	Feb 2022 -
Head of Design & Technology Team	KAIST Undergraduate Association	Feb 2020 - Jan 2021
Head of Design & Website Team	KAIST 50th Anniversary Student Conference	Jan 2020 - Feb 2021
Student Representative	KAIST Undergraduates of School of Computing	Feb 2019 - Jan 2020

ACTIVITIES

KAIST Undergraduate Research Participation(URP) Program		Winter/Spring 2021
Designer & Developer	SPARCS	Mar 2019 - Feb 2022
UX Researcher & Designer	Student-led KLMS Redesign Team	Jul 2021 - Aug 2021