

DaEun Choi

SCHOOL OF COMPUTING · MASTER'S STUDENT

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Summary

I am a Master's 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)

M.S. in School of Computing

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

Daejeon, Republic of Korea

Feb 2022 - Feb 2024 (Expected)

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

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

AudiLens: Configurable LLM-Generated Audiences for Public Speech Practice

UIST 2023 Student Innovation Contest

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

Experience

KIXLAB(KAIST Interaction Lab)

Undergraduate Research Intern

Research on enhancing user-side customization on website using AI recommendation system, voice, and clicks.

Completed KAIST URP(Undergraduate Research Participation) Program with this project.

(Title: Enhancing the UI Design Iteration and Feedback Process with Voice and Clicks)

Daejeon, Republic of Korea

Jan 2021 - Feb 2022

NMSL(Networking & Mobile Systems Lab)

Undergraduate Research Intern

Research on feature-level fine-grained smartphone usage tracking and intervention development for digital well-being.

This project was published as a paper in CSCW 2021.

Daejeon, Republic of Korea

Aug 2020 - Dec 2020

LG CNS

Software Architect Intern

Participated IT core talent Academy internship program as a software architect. I mainly focused on implementing architecture for large scale web services by building AWS development/operation servers, web service infrastructure, and CI/CD server load balancing.

Seoul, Republic of Korea

Jan 2020 - Feb 2020

Honors & Awards

AWARDS

An Outstanding TA Award School of Computing, KAIST

2022 Fall, 2023 Spring

Dean's List College of Engineering, KAIST

2020 Fall

SCHOLARSHIPS

Misook Lim Scholarship

2021 Fall

KAIST Exemplary Conduct Scholarship

2019

Teaching

CS101: Introduction to Programming

2019 Spring - 2022 Fall, 2023 Fall

Teaching Assistant

CS374: Introduction to Human-Computer Interaction

2023 Spring

Teaching Assistant

Projects

SPARCS

UI/UX Designer & Developer

Mar 2019 - Feb 2022

Worked as a designer/developer of KAIST's Special Board of Computing, SPARCS (System Programmers' Association for Research Computer Systems). I worked on improving the UI/UX of NewAra service (KAIST official student online community) to be more user-friendly.

Student-led KLMS Redesign Team

UX Researcher & Designer

Jun 2021 - Aug 2021

KLMS is the LMS system used by KAIST. KLMS was reorganized in the spring of 2021, which raised various usability issues. To solve this problem, we collected and analyzed inconveniences, presented new UI/UX guidelines, and prototyped new designs. It was conducted with the support of the KAIST Center for Excellence in Learning and Teaching.

Service & Leadership

STUDENT VOLUNTEER

CSCW 2022

Nov, 2022

LEADERSHIP

Student representative KAIST Undergraduates of School of Computing

Feb 2019 - Jan 2020

Head of Media Team KAIST Graduate Student Association

Feb 2022 - Current

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

ACTIVITIES

KAIST Undergraduate Research Participation(URP) Program

2021 Winter/Spring