

DaEun Choi

SCHOOL OF COMPUTING · MASTER'S STUDENT

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Summary

I am a Master's student in School of Computing, KAIST. I am working with Juho Kim at KIXLAB(KAIST Interaction Lab). I'm interested in HCI, especially AI-infused creativity supporting tools, digital well-being, and online learning.

Education

Korea Advanced Institute of Science and Technology (KAIST)

M.S. IN SCHOOL OF COMPUTING
KIXLAB (KAIST Interaction Lab)

Daejeon, Republic of Korea

Feb 2022 - Current

Korea Advanced Institute of Science and Technology (KAIST)

B.S. IN SCHOOL OF COMPUTING (DOUBLE MAJOR IN BIO&BRAIN ENGINEERING)
GPA: 3.88/4.3 (Magna Cum Laude)

Daejeon, Republic of Korea

Mar 2017 - Feb 2022

Publication

CONFERENCE PAPERS

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

Stylette: Styling the Web with Natural Language

ACM CHI 2022 / **HONORABLE MENTION AWARD**

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

Surch: Enabling Structural Search and Comparison for Surgical Videos

ACM CHI 2023

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

POSTERS, DEMOS, WORKSHOP PAPERS

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

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.

Honors & Awards

AWARDS

An Outstanding TA Award School of Computing, KAIST

2022 Fall

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

TEACHING ASSISTANT

CS374: Introduction to Human-Computer Interaction

2023 Spring

TEACHING ASSISTANT

Projects

SPARCS

UI/UX DESIGNER & DEVELOPER

Mar 2019 - Current

I am working as a designer/developer of KAIST's Special Board of Computing, SPARCS (System Programmers' Association for Research Computer Systems). Currently I am working on improving 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 KAIST Center for Excellence in Learning and Teaching.

Extracurricular Activity

KAIST Undergraduate Research Participation(URP) Program

2021 Winter/Spring

TITLE: ENHANCING THE UI DESIGN ITERATION AND FEEDBACK PROCESS WITH VOICE AND CLICKS

Planning Committee of KAIST 50th Anniversary Student Conference

Jan 2020 - Feb 2021

LEADER OF DESIGN&WEBSITE TEAM

KAIST Undergraduate Association

Feb 2020 - Jan 2021

HEAD OF DESIGN&TECHNOLOGY TEAM

President of KAIST Undergraduates of School of Computing

Feb 2019 - Jan 2020