

# 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) (Advisor: Juho Kim)

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)

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.

## 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