

Saelyne Yang

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Research Interests: Human-Computer Interaction, Video Interaction, Live Streaming

Education

KAIST (Korea Advanced Institute of Science and Technology) **Dajeon, S.Korea**
Ph.D. in School of Computing (Advisor: Juho Kim) *Mar.2021 - Feb.2025 (expected)*

- GPA: 4.16/4.3

KAIST (Korea Advanced Institute of Science and Technology) **Dajeon, S.Korea**
M.S. in School of Computing (Advisor: Juho Kim) *Mar.2019 - Feb.2021*

- An Outstanding MS Thesis Award

KAIST (Korea Advanced Institute of Science and Technology) **Dajeon, S.Korea**
B.S. in School of Computing *Mar.2015 - Feb.2019*

- Magna Cum Laude
- Exchange student in UCSC, 2017 Summer

Employment

Creative Technologies Lab, Adobe Research **Cambridge, MA**
Research Intern, Mentor: Hijung Valentin Shin *Jun. 2020 - Sep. 2020*

- Generating real-time summaries of live streams [c.4]

KIXLAB, KAIST **Daejeon, S.Korea**
Research Intern, Mentor: Juho Kim *Jun. 2018 - Feb. 2019*

- Video editing tool for slide-based videos

ACRYL **Seoul, S.Korea**
Software Engineer Intern *Jan. 2018 - Feb. 2018*

- Web crawling and RNN testing for prediction of a writer's gender and age

Publications

Conference and Journal Papers.....

[c.4] CatchLive: Real-time Summarization of Live Streams with Stream Content and Interaction Data
Saelyne Yang, Jisu Yim, Juho Kim, Hijung Valentina Shin
CHI 2022: ACM Conference on Human Factors in Computing Systems

[c.3] SoftVideo: Improving the Learning Experience of Software Tutorial Videos with Collective Interaction Data
Saelyne Yang, Jisu Yim, Aitolkyn Baigutanova, Seoyoung Kim, Minsuk Chang, Juho Kim
IUI 2022: Annual Conference on Intelligent User Interfaces

[c.2] Snapstream: Snapshot-based Interaction in Live Streaming for Visual Art
Saelyne Yang, Changyoon Lee, Hijung Valentina Shin, Juho Kim
CHI 2020: ACM Conference on Human Factors in Computing Systems

[c.1] What Makes It Hard for Users to Follow Software Tutorial Videos?
Saelyne Yang, Juho Kim
HCI Korea 2020, The HCI Society of Korea

[p.1] Improving Video Interfaces by Presenting Informational Units of Videos

Saelyne Yang, Sankyung Kwak, Taesoo Kim, Juho Kim

CHI 2022 Workshop on Computational Approaches for Understanding, Generating, and Adapting User Interfaces

Honors & Awards

Special Recognition for Outstanding Reviews

CHI 2022 2022

Inseong Fellow (\$1,000)

KAIST, Scholarship given to students for their service and impact on the school 2021

An Outstanding TA Award

School of Computing, KAIST Spring 2021

An Outstanding MS Thesis Award

School of Computing, KAIST 2021

Kwanjeong scholarship (\$20,000)

Scholarship given to outstanding graduate students in the nation 2019-2020

Encouragement Award

SW Talent Festival, hosted by the Ministry of Science and ICT 2018

Dean's list

School of Computing, KAIST Spring 2018

Excellence Award

Writing Contest, KAIST 2018

Google Women Techmakers Scholarship

Google APAC 2018

LINE Scholarship

Scholarship given to selected students in the department 2017

National Science and Technology Scholarship

Scholarship covered for undergraduate studies 2017-2018

Academic Services

Program Committee

- CHI 2022 Late-Breaking Work

Reviewer

- CHI 2022, 2021, 2020
- UIST 2022
- CSCW 2020
- IEEE Transactions on Learning Technologies

Student Volunteer

- IUI 2022
- CHI 2019

Teaching

Teaching Assistant

- **Introduction to Programming**

KAIST CS101

Spring 2022, Fall 2021

- **Introduction to Human-Computer Interaction**

KAIST CS374, Instructor: Juho Kim

Spring 2021, 2020, 2019

Service and Leadership

KAIST-Google ExploreCSR

Leader of student organizers

2021

The KAIST Committee on Social Inclusion

Student representative

2021-Present

Skills

Programming

- Python, C, JAVA, R, Javascript, HTML, CSS