Mina Huh

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RESEARCH INTERESTS

Human-Computer Interaction, Accessibility, Authoring tools, Video Interaction

EDUCATION

The University of Texas at Austin   Austin, Texas

Ph.D. in Computer Science, Advisor: Dr. Amy Pavel   Aug.2022-

Korea Advanced Institute of Science and Technology (KAIST)   Daejeon, Korea

B.S. in Computer Science, Advisor: Dr. Juho Kim   Mar.2016 - Feb.2021

CONFERENCE/JOURNAL PUBLICATIONS

[c.6] GenAssist: Making Image Generation Accessible

> Mina Huh, Yi-Hao Peng, Amy Pavel
>
> *UIST 2023: ACM Symposium on User Interface Software and Technology*

[c.5] AVscript: Accessible Video Editing with Audio-Visual Scripts

> Mina Huh, Saelyne Yang, Yi-Hao Peng, Xiang 'Anthony' Chen, Young-Ho Kim, Amy Pavel
>
> *CHI 2023: ACM Conference on Human Factors in Computing Systems*

[c.4] A Duoethnographic Study of a Mixed-Ability Team in a Collaborative Programming Context

> Mina Huh and JooYoung Seo
>
> *CSCL 2022: Conference on Computer-Supported Collaborative Learning*

[c.3] Exploring Perceptions, Practices, and Challenges of Using Makeup and Cosmetics for People with Visual Impairments

> Franklin Mingzhe Li*, Francheska Spector*, Meng Xia*, Mina Huh*, Peter Cederberg, Yuqi Gong, Kristen Shinohara, and Patrick Carrington   (*: 4 authors contributed equally)
>
> *CHI 2022: ACM Conference on Human Factors in Computing Systems*

[c.2] Cocomix: Utilizing Comments to Improve Non-Visual Webtoon Accessibility

> Mina Huh, Yunjung Lee, Dasom Choi, Haesoo Kim, Uran Oh, and Juho Kim
>
> *CHI 2022: ACM Conference on Human Factors in Computing Systems*

[c.1] RubySlippers: Supporting Content-based Voice Navigation for How-to Videos

> Minsuk Chang, Mina Huh, and Juho Kim
>
> *CHI 2021: ACM Conference on Human Factors in Computing Systems*

POSTER/WORKSHOP PUBLICATIONS

[w.1] Reimagining Accessibility and Inclusion in K-12 CS Education Through Curriculum and Professional Development

Maya Israel, Supriya Dey, Yota Dimitriadi, Heather Feldner, Amy lsvik, Noel Kuriakos, Jean Salac, <u>Mina Huh</u>, and Gesu India

Microsoft Research Accessible Computer Science Education Fall Workshop, 2020

RESEARCH EXPERIENCES

Naver AI lab (with Dr. Young-Ho Kim) Mar.2022 - Sep.2022

Accessible Video Editing with Audio-Visual Scripts

Published CHI `23 paper

UCLA HCI Lab (with Prof. Xiang Anthony Chen & Prof. Amy Pavel) Jul.2020 – Sep.2022

Enhancing Information Seeking in Educational Videos for People with Visual Impairments

Presented the work in SIGCHI CSCW Asia School 2020

KAIST Interaction Lab (with Prof. Juho Kim & Prof. Uran Oh) Jan.2020 – Oct.2021

1. Data Modeling Techniques for Supporting Conversational Interaction in Video Tutorials

Won Grand prize(1st) in URP program / Published CHI `21 paper

2. Comments-driven Interaction Techniques to Improve Webtoon Accessibility

Published CHI `22 paper

UIUC Accessible Computing Lab (with Prof. JooYoung Seo) April.2021 – Nov.2021

Understanding Experiences of Mixed-ability Team Collaborating in a Group Programming Project

Published CSCL `22 paper

ETH Zürich DS3 Lab (with David Dao) Sep.2019 – Jan.2020

Prediction of Audience Reaction to Public Speech

Ecole Polytechnique Epizeuxis Lab (with Prof. Jiazi Yi & Prof. Thomas Clausen) May.2019 – Aug.2019

Intelligent High-Performance Computing Network (esp. B.I.E.R)

FELLOWSHIPS & AWARDS

Special Recognition for Outstanding Reviews *CHI 2023*

Grand Prize, Undergraduate Research Participation @ KAIST Aug.2020

Won Grand prize(1st) from the engineering school with a conference fellowship

KAIST Undergraduate Research Grant Feb.2020

<Data Modeling Techniques for Supporting Conversational Interaction in Video Tutorials>

LINE-KAIST Scholarship Nov.2019

Encouraging scholarships for promising undergraduates majoring in Computer Science

Grace Hopper Celebration - Google Travel Scholarship Oct.2019

Based on leadership qualities, academic excellence, and efforts to increase women in tech

Google Women Techmakers Scholarship Aug.2018

73 accepted among 25,000 applicants

National Excellence Scholarship (Natural Sciences and Engineering) Mar.2016 – Feb.2020

Government funding for admission fees, the full amount of school support fees in the undergraduate program

WORK EXPERIENCE

Software Developer of Humelo   Dec.2018 – Mar.2019

Product Team & API Server Team (https://www.humelo.com)

Designed the main webpage providing APIs and identified important user flows and patterns

Software Developer of SPARCS OTL Team   Mar.2018 - 2019

SPARCS – Student Organization building and maintaining IT services for KAIST

Designed and implemented the timetabling website (OTL) with course information and reviews

Over 300 visitors per day (https://otl.kaist.ac.kr/main/)

SERVICES

Academic Services

Organizing Committee: UIST 2023-2024 SV Co-chair / ASSETS 2023 Web Co-chair

Reviewer: CHI 2023 (with recognition), CHI LBW 2021-2023 / CSCL 2022 / CSCW 2021

Student Volunteer: ASSETS 2022, UIST 2020-2024

Outreach and Leadership

Korea Childhood Cancer Center Mentoring – Teaching English and Math virtually   Jan.2021 - May.2021

Freshmen Guidance Group - Helping freshmen with academic work and school life   Feb.2018 – Feb.2019

KSOP Mentoring - Teaching Math and Programming to gifted underserved students   Feb.2017 - Dec.2017

KAIST Buddy Program - Helping international students adjust to campus life   Aug.2017 - Dec.2017

MEDIA COVERAGE

KAIST CS Annual Report: Undergraduate winning 1st place in URP program   Feb.2021

KAIST Research Magazine: *"Creating technology that accommodates everyone"*   Nov.2020

TJB News: Student orchestra's flash mob celebrating National Liberation Day of Korea   Aug.2017

TEACHING/MENTORING

Teaching Assistant

CS378 Introduction to Human-Computer Interaction, Instructor: Dr. Amy Pavel   Spring 2023

Undergraduate Research Assistants

Yejin Kwon – UCLA fall/winter intern   2021

Intizar Tashov – KAIST summer/fall intern   2021

Skills

Languages : C, C++, Python, Java, JavaScript, HTML/CSS

TOEFL IBT : 115/120 (R 30/30, L 30/30, S 27/30, W 28/30)