

# Hyesoo Park

 [hyesopark.com](http://hyesopark.com)

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## RESEARCH INTERESTS

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Human-Computer Interaction, Disability Justice, Care, Community Resilience, Collective Action

## EDUCATION

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### Georgia Institute of Technology

Ph.D. in Computer Science, *School of Interactive Computing*  
Advisor: Jennifer G. Kim

Aug. 2025 - Present

Atlanta, GA, USA

### Korea Advanced Institute of Science and Technology (KAIST)

M.S. in *School of Computing* | Advisor: Uichin Lee  
Uichin Lee(Chair), Hwajung Hong, Petr Slovak

Feb. 2023 - Feb. 2025

Daejeon, Korea

*Thesis title: Exploring Social-Emotional Learning in Family Conversation through Multimodal Data Visualization*

### Korea Advanced Institute of Science and Technology (KAIST)

B.S. in *Industrial & Systems Engineering* | Double major in Industrial Design  
*Magna Cum Laude*

Mar. 2018 - Aug. 2022

Daejeon, Korea

*Relevant Courses: Intro to HCI (A0), User Experience Design (A+), System Design (A+), Software Prototyping (A0)*

## PUBLICATIONS

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### Conference & Journal Papers

- [c.3] **Hyesoo Park**, Sueun Jang, Hyunsoo Lee, Jennifer G. Kim, and Uichin Lee. **Why stressed, Mom?: Exploring Family Reflection on Social and Emotional Sensor Data through Family Informatics.** (*CHI'26*)
- [c.2] Youngseok Seo, Sueun Jang, **Hyesoo Park**, Joseph Seering, and Uichin Lee. **Ethics Training Agents: Facilitating Group-Based Ethics Education with Role-Playing and Discussion for Ethical Reflection and Exploration.** (*ACM ToCE, under review*)
- [j.1] Tivan George, **Hyesoo Park**, and Uichin Lee. **FT Xtraction: Feature Extraction and Visualization of Conversational Video Data for Social and Emotional Analysis.** *SoftwareX*, 2024
- [c.1] Hyunsoo Lee, Yugyeong Jung, Youwon Shin, **Hyesoo Park**, Woohyeok Choi, and Uichin Lee. **FamilyScope: Visualizing Affective Aspects of Family Social Interactions using Passive Sensor Data.** *CSCW'24*

### Posters & Workshop Papers

- [w.2] **Hyesoo Park**, Uichin Lee. **I'm Not Fighting Alone: Designing a Community for Social Activists' Mental Well-being.** *CSCW 2024 Workshop (Envisioning New Futures of Positive Social Technology)*
- [w.1] Sueun Jang, **Hyesoo Park**, Hyunsoo Lee, and Uichin Lee. **Toward a Family-Centered Approach to Sleep: Redefining Sleep Metrics and Interactions for Families.** *CHI 2024 Workshop (Methods for Family-Centered Design: Bridging the Gap Between Research and Practice)*
- [p.1] Yoo Jin Hong, **Hyesoo Park**, Eunki Joung, and Jihyeong Hong. **MOJI: Enhancing Emoji Search System with Query Expansions and Emoji Recommendations.** *CHI EA'24*

## RESEARCH EXPERIENCES

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**GT Co-Well Computing Lab**, Advised by Jennifer G. Kim  
*Graduate Research Assistant*

*Aug. 2025 - Present*  
Atlanta, GA, USA

- **Making Strengths-Based Job Coaching Accessible for Autistic Job Seekers Through a Personalized, Risk-Averse Large Language Model (NSF Grant)**

**KAIST ICLab**, Advised by Uichin Lee  
*Research & Funded Project Assistant*

*Mar. 2023 - Feb. 2025*  
Daejeon, Korea

- **Social-Emotional Data Informatics for Family** [[c.3](#)][[j.1](#)]
- **Data-intensive Future Smarthome** [[c.1](#)][[w.1](#)]
- **Predicting and Managing Stress Risks for Emotion Workers** [[pt.1](#)]

**Tech For Impact** by Kakao Impact [[w.2](#)]  
*Project Manager & Front Developer*

*Aug. 2023 - Mar. 2024*  
Daejeon, Korea

**KAIST ICLab**, Advised by Uichin Lee  
*Undergraduate Researcher*

*Jul. 2019 - Dec. 2019*  
Daejeon, Korea

## HONORS AND AWARDS

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**Outstanding Teaching Assistant Award, KAIST School of Computing, Fall 2024**  
Recognized for excellence in teaching and student support as a TA of CS374.

*Feb. 2025*

**Conference Travel Grant from KAIST (ACM CSCW '24)**

*Nov. 2024*

**Winner of HACKAIST 2022**

*Jun. 2022*

Honored with the title of final winner in HACKAIST 2022.

**Presidential Science Scholarship**

*Jun. 2018 - Jun. 2021*

Incoming 60 freshmen in sciences and engineering programs are selected.

Full tuition and additional support of \$2500 every semester for outstanding students.

**KAIST Department Honors Scholarship**

*Sep. 2020*

Received a \$800 Industrial and System Engineering scholarship for outstanding academic achievement for top 4 students among department students.

## PATENT

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[[pt.1](#)] **A System to Support Voice Consultation Using Voice Modulation of Customer and Call Agents**

*Korea patent (In progress)*

## EXTRACURRICULAR ACTIVITIES & SERVICES

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**External Reviewer**  
ACM CHI'26

**KAIST exploreCSR Organizer**  
A member of the Public Relations Team.

*Aug. 2023 - Feb. 2025*

**KAIST Social Inclusion Committee**

*Sep. 2021 - Aug. 2024*

An undergraduate student representative and a graduate student representative.

**KAIST Student & Minority Human Rights Committee**

*Jul. 2020 - Aug. 2024*

Head of the committee, addressed human rights issues, maintained the human rights library, and organized several booth events and lectures for Human Rights Week to highlight campus minorities.

**KAIST Times**  
Head of the Illustration Department.

*Mar. 2018 - Jun. 2020*

## SKILLS

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### Programming and Development

UI Prototyping : Figma, Protopie

Web : HTML, JS(React.js, Next.js, p5.js, D3.js), CSS, LLM embeded applications

Data Analysis : Python(Numpy, PyTorch, Scikit-learn, Plotly), SPSS, R

Collaboration: Git, Github, Slack

### User Study

Research Method: Diary Study, Participatory Design Workshop, Focus Group Interview

Analysis — Qualitative: Thematic analysis / Quantitative: Statistical Testing

### Language

English(Full professional proficiency), Korean(Native)

## TEACHING & MENTORING

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### Teaching Assistant, CS374 Introduction to HCI, Fall 2024 (55 Students)

Aug. 2024 - Dec. 2024

Prepared in-class activities, graded design homework, and mentored 4 teams on 7-stage design projects.

### ICLab Summer / Winter Internship Program

Conducted mentoring for an internship program targeting KAIST undergraduate students and external applicants. The students below were mentoring students.

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|-----------------|-----------------------|
| • Jieun You     | Aug. 2024 - Dec. 2024 |
| • Tivan George  | Aug. 2023 - Apr. 2024 |
| • Alexander Kim | Dec. 2023 - Feb. 2024 |

## REFERENCES

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### Jennifer G. Kim

Assistant Professor

*Georgia Institute of Technology,  
School of Interactive Computing*

jennifer.kim [at] cc.gatech.edu

### Uichin Lee

Professor

*KAIST,  
School of Computing*

uichin [at] kaist.ac.kr