

# Hyesoo Park

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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

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

*Feb. 2023 - Feb. 2025*

*Daejeon, Korea*

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

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

*Magna Cum Laude*

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

*Mar. 2018 - Aug. 2022*

*Daejeon, Korea*

## 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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<b>GT Co-Well Computing Lab</b> , Advised by Jennifer G. Kim <i>Graduate Research Assistant</i>	<i>Aug. 2025 - Present</i> Atlanta, GA, USA
<ul style="list-style-type: none"><li>• <b>Making Strengths-Based Job Coaching Accessible for Autistic Job Seekers Through a Personalized, Risk-Averse Large Language Model</b> (<i>NSF Grant</i>)</li></ul>	
<b>KAIST ICLab</b> , Advised by Uichin Lee <i>Research &amp; Funded Project Assistant</i>	<i>Mar. 2023 - Feb. 2025</i> Daejeon, Korea
<ul style="list-style-type: none"><li>• <b>Social-Emotional Data Informatics for Family</b> <a href="#">[c.3][j.1]</a></li><li>• <b>Data-intensive Future Smarthome</b> <a href="#">[c.1][w.1]</a></li><li>• <b>Predicting and Managing Stress Risks for Emotion Workers</b> <a href="#">[pt.1]</a></li></ul>	
<b>Tech For Impact</b> by Kakao Impact <a href="#">[w.2]</a> <i>Project Manager &amp; Front Developer</i>	<i>Aug. 2023 - Mar. 2024</i> Daejeon, Korea
<b>KAIST ICLab</b> , Advised by Uichin Lee <i>Undergraduate Researcher</i>	<i>Jul. 2019 - Dec. 2019</i> Daejeon, Korea

## HONORS AND AWARDS

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<b>Outstanding Teaching Assistant Award, KAIST School of Computing, Fall 2024</b> Recognized for excellence in teaching and student support as a TA of CS374.	<i>Feb. 2025</i>
<b>Conference Travel Grant from KAIST (ACM CSCW '24)</b>	<i>Nov. 2024</i>
<b>Winner of HACKAIST 2022</b> Honored with the title of final winner in HACKAIST 2022.	<i>Jun. 2022</i>
<b>Presidential Science Scholarship</b> Incoming 60 freshmen in sciences and engineering programs are selected. Full tuition and additional support of \$2500 every semester for outstanding students.	<i>Jun. 2018 - Jun. 2021</i>
<b>KAIST Department Honors Scholarship</b> Received a \$800 Industrial and System Engineering scholarship for outstanding academic achievement for top 4 students among department students.	<i>Sep. 2020</i>

## PATENT

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<a href="#">[pt.1]</a> <b>A System to Support Voice Consultation Using Voice Modulation of Customer and Call Agents</b>	<i>Korea patent (In progress)</i>
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## EXTRACURRICULAR ACTIVITIES & SERVICES

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<b>External Reviewer</b> ACM CHI'26	
<b>KAIST exploreCSR Organizer</b> A member of the Public Relations Team.	<i>Aug. 2023 - Feb. 2025</i>
<b>KAIST Social Inclusion Committee</b> An undergraduate student representative and a graduate student representative.	<i>Sep. 2021 - Aug. 2024</i>
<b>KAIST Student &amp; Minority Human Rights Committee</b> 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.	<i>Jul. 2020 - Aug. 2024</i>
<b>KAIST Times</b> Head of the Illustration Department.	<i>Mar. 2018 - Jun. 2020</i>

## 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.

- 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*

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