

Jeongeon Park

Human-Computer Interaction Researcher @ DGIST

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Research Interests

Human-Computer Interaction, Human-AI Interaction, Information Seeking and Comprehension, Social Computing, Conversational User Interface, Crowdsourcing, Large-Language Models

Education

Korea Advanced Institute of Science and Technology (KAIST) M.S. in School of Computing Advisor: Juho Kim	Aug 2021 - Aug 2023 Daejeon, Republic of Korea
Korea Advanced Institute of Science and Technology (KAIST) B.S. in School of Computing Minor in Industrial and Systems Engineering, Certificate in Artificial Intelligence Excellence in Leadership and Volunteer Activity	Sep 2016 - Jun 2021 Daejeon, Republic of Korea

Experience

RESEARCH EXPERIENCE

DGIST Intelligence Augmentation Group (DIAG) , Researcher Advisor: Jean Y. Song <ul style="list-style-type: none">Exploring human-AI interactions for academic speech practice.	<i>Oct 2023 - Present</i>
KAIST Interaction Lab (KIXLAB) , Graduate Research Assistant Advisor: Juho Kim Leading Projects: <ul style="list-style-type: none">Explored LLM-powered conversational interactions for personalized decision-making support. [a.2]Suggested a crowd feedback workflow for machine learning label set-building process. [c.2, p.4] Collaborations: <ul style="list-style-type: none">Supported designer's ideation process of combining multiple references with Generative AI models. [a.2]Enhanced instructor-learner interaction with transcript-based annotations.	<i>Aug 2021 - Sep 2023</i>
KAIST Interaction Lab (KIXLAB) , Undergraduate Research Intern Advisor: Juho Kim <ul style="list-style-type: none">Built a crowd-supported system to aid the iterative conversation design process. [c.1, p.1-3]Suggested a workflow to inductively generate a label set along with annotations.	<i>Sep 2019 - Aug 2021</i>
DataStreams , Industry-Academia Research Intern Advisor: Okjoo Choi <ul style="list-style-type: none">Visualized text data with entity linking, made an interface named Data to Knowledge.Mainly contributed to building the interface that visualizes the entity linking results.	<i>Sep 2020 - Feb 2021</i>
NAVER Clova AI , Research Intern Mentor: Jinyeong Yim	<i>Jul 2020 - Aug 2020</i>

- Provided model insights to annotators to generate a taxonomy structure for structured documents.
- Designed interactions and built interfaces for label generation, label aggregation, and data collection.

WORK EXPERIENCE

NAVER, Software Engineer Intern

Jul 2019 - Aug 2019

- Built an ad log forecasting page after analyzing and predicting advertisement logs, using Spark and Next.js.
- Reached a similar performance in comparison to the company's commercial product.

Publication

CONFERENCE PAPERS

[c.2] **DynamicLabels: Supporting Informed Construction of Machine Learning Label Sets with Crowd Feedback**

Jeongeon Park, Eun-Young Ko, Yeon Su Park, Jinyeong Yim, Juho Kim

IUI 2024: Annual Conference on Intelligent User Interfaces. (to appear)

[c.1] **ProtoChat: Supporting the Conversation Design Process with Crowd Feedback**

Yoonseo Choi, Toni-Jan Keith Monserrat, Jeongeon Park, Hyungyu Shin, Nyoungwoo Lee, Juho Kim

CSCW 2020. Proceedings of the ACM on Human-Computer Interaction Vol. 4, Issue CSCW3, Article 225.

PREPRINTS

[a.2] **ChoiceMates: Supporting Unfamiliar Online Decision-Making with Multi-Agent Conversational Interactions**

Jeongeon Park, Bryan Min, Xiaojuan Ma, Juho Kim

arXiv 2023.

[a.1] **CreativeConnect: Supporting Reference Recombination for Graphic Design Ideation with Generative AI**

DaEun Choi, Sumin Hong, Jeongeon Park, John Joon Young Chung, Juho Kim

arXiv 2023.

POSTERS, DEMOS, WORKSHOP PAPERS

[p.6] **AudiLens: Configurable LLM-Generated Audiences for Public Speech Practice**

Jeongeon Park*, DaEun Choi*

UIST 2023 Student Innovation Contest. JURY'S BEST SIC HONORABLE MENTION

[p.5] **reBalance: A Customizable Data Visualization Approach to Keeping a Balanced Health**

Sangkyung Kwak, Nabila Sindi Listyo, Jeongeon Park, Uichin Lee

HCI Korea 2022 Capstone Paper.

[p.4] **Supporting Dynamic Construction of Datasets with Annotator Suggestions**

Jeongeon Park, Eunyeong Ko, Donghoon Han, Jinyeong Yim, Juho Kim

HCOMP 2021 Works-in-Progress.

[p.3] **ProtoChat: Supporting the Conversation Design Process with Crowd Feedback**

Yoonseo Choi, Toni-Jan Keith Monserrat, Jeongeon Park, Hyungyu Shin, Nyoungwoo Lee, Juho Kim

CSCW 2020 Demo.

[p.2] **Leveraging the Crowd to Support the Conversation Design Process**

Yoonseo Choi, Hyungyu Shin, Toni-Jan Keith Monserrat, Nyoungwoo Lee, Jeongeon Park, Juho Kim

CHI 2020 Workshop on CUI@CHI.

[p.1] **Supporting an Iterative Conversation Design Process**

Yoonseo Choi, Hyungyu Shin, Toni-Jan Keith Monserrat, Nyoungwoo Lee, Jeongeon Park, Juho Kim

CHI 2020 Extended Abstracts.

Awards & Honors

Jury's Best SIC Honorable Mention - UIST 2023 Student Innovation Contest [p.6]	2023
Certificate of Excellence - Education 4.0 Q TA Report for CS374: Introduction to HCI	2023
Special Recognition for Outstanding Reviews - CHI 2023	2022
Leadership Mileage Certificate, KAIST Awarded to top 4% among 3,600+ students with top achievements in leadership activities.	2021

Teaching & Mentoring

TEACHING ASSISTANT

CS374: Introduction to Human-Computer Interaction Led studio sessions for design project milestones, designed Figma and programming assignments.	<i>Spring 2023</i>
CS101: Introduction to Programming Introductory-level course required for all freshmen at KAIST. Assisted students during lab sessions.	<i>Spring 2020 - Spring 2021, Fall 2022</i>
CS206: Data Structure Required course for all CS students at KAIST. Graded assignments and exams.	<i>Spring 2022</i>
CS473: Introduction to Social Computing Provided feedback on design projects, graded design project milestones and reading responses.	<i>Fall 2021</i>
HSS024(E): Advanced Writing Assisted class discussion sessions, provided feedback on writing assignments.	<i>Fall 2018</i>
KAIST EFL (English as a Foreign Language Program) Provided on-demand assistance to professors and students as a department TA.	<i>Fall 2017</i>

MENTORING

KAIST Global Center for Gifted Students, Mentor Co-developed curriculum and teaching materials on STEAM topics, instructed twelve 6th-grade gifted students each year.	<i>Mar 2019 - Nov 2023</i>
LG-KAIST Science English Camp, Head Mentor	<i>Jul 2017 - Dec 2018</i>

Service

ACADEMIC SERVICE

Student Volunteer - IUI 2022, UIST 2023
Reviewer - CHI 2023-24, CHI LBW 2023

OUTREACH AND LEADERSHIP

Student Organizer & Leader , KAIST exploreCSR (sponsored by Google Research)	<i>May 2022 - Feb 2023</i>
Freshmen Guidance Group , KAIST School of Freshman	<i>Sep 2018 - Aug 2020</i>
KAIST Buddy Program Organizer , KAIST International Scholar and Student Services	<i>Mar 2018 - Aug 2023</i>