# Jeongeon Park

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## Research Interests

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

## Education

**Aug 2021 - Aug 2023**
Daejeon, Republic of Korea

**Korea Advanced Institute of Science and Technology (KAIST)**
M.S. in School of Computing
Advisor: Juho Kim

**Sep 2016 - Jun 2021**
Daejeon, Republic of Korea

**Korea Advanced Institute of Science and Technology (KAIST)**
B.S. in School of Computing
Minor in Industrial and Systems Engineering, Semiminor in Artificial Intelligence
Excellence in Leadership and Volunteer Activity

## Experience

RESEARCH EXPERIENCE

**DGIST Intelligence Augmentation Group (DIAG)**, Researcher
*Advisor: Jean Y. Song*

*Oct 2023 - Present*

- Exploring human-AI interactions for contextualized paper reading support

**KAIST Interaction Lab (KIXLAB)**, Graduate Student
*Advisor: Juho Kim*

*Aug 2021 - Sep 2023*

Leading Projects:

- Exploring LLM-powered conversational interactions for personalized decision-making support. [c.2]
- Suggesting a crowd feedback workflow for machine learning label set-building process. [c.3, p.4]

Collaborations:

- Supporting designer's ideation process of combining multiple references with Generative AI models.
- Enhancing instructor-learner interaction with transcript-based annotations.

**KAIST Interaction Lab (KIXLAB)**, Undergraduate Research Intern
*Advisor: Juho Kim*

*Sep 2019 - Aug 2021*

- 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.

**DataStreams**, Industry-Academia Research Intern
*Advisor: Okjoo Choi*

*Sep 2020 - Feb 2021*

- 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.

**NAVER Clova AI**, Research Intern
*Mentor: Jinyeong Yim*

*Jul 2020 - Aug 2020*

- Provided model insights to non-expert annotators to generate a taxonomy structure for annotating 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.3] **DynamicLabels: Supporting Informed Construction of Machine Learning Label Sets with Crowd Feedback**
Jeongeon Park, Eun-Young Ko, Yeon Su Park, Jinyeong Yim, Juho Kim
*Under submission*

[c.2] **ChoiceMates: Supporting Unfamiliar Online Decision-Making with Multi-Agent Conversational Interactions**
Jeongeon Park, Bryan Min, Xiaojuan Ma, Juho Kim
*Under submission*

[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 Paper*

## 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: Mapping Grand Challenges for the Conversational User Interface Community*

[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**    *2021*
Awarded to top 4% among 3,600+ students with top achievements in leadership activities including volunteering and on-campus activities.

# Teaching & Mentoring

## Teaching Assistant

**CS374: Introduction to Human-Computer Interaction**    *Spring 2023*
Led studio sessions for design project milestones, designed Figma and programming assignments.

**CS101: Introduction to Programming**    *Spring 2020 - Spring 2021, Fall 2022*
Introductory-level course required for all freshmen at KAIST. Assisted students during lab sessions.

**CS206 Data Structure**    *Spring 2022*
Required course for all CS students at KAIST. Graded assignments and exams.

**CS473: Introduction to Social Computing**    *Fall 2021*
Provided feedback on design projects, graded design project milestones and reading responses.

**HSS024(E): Advanced Writing**    *Fall 2018*
Assisted class discussion sessions, provided feedback on writing assignments.

**KAIST EFL (English as a Foreign Language Program)**    *Fall 2017*
Provided on-demand assistance to professors and students as a department TA.

## Mentoring

**KAIST Global Center for Gifted Students**, Mentor    *Mar 2019 - Nov 2023*
Co-developed curriculum and teaching materials on STEM topics, instructed a class of twelve 6th-grade gifted students each year.

**LG-KAIST Science English Camp**, Head Mentor    *Jul 2017 - Dec 2018*

# Service

## Academic Service

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

## Community Service

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