

# Jini Kim

M.S. at KAIST | Human-Computer Interaction Researcher

✉ wlsdl0519@gmail.com

## EDUCATION

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2022  
Daejeon, Korea

**Korea Advanced Institute of Science & Technology (KAIST)**, Daejeon, Korea  
M.S. in Industrial Design (Specialization : Human-Computer Interaction)

- Advisor: Ki-Young Nam
- Thesis Committee: Ki-Young Nam, Sangsu Lee, Changhee Lee
- GPA: 4.08/4.3

2020  
Pohang, Korea

**Handong Global University (HGU)**, Pohang, Korea  
B.S. in Information and Communication Technology Convergence (ICT)  
B.S. in Product Design (Specialization : UX Design)

- Total GPA : 4.21/4.5 | Major GPA : 4.39/4.5 | Magna Cum Laude
- Honors: Academic Excellence Scholarship for 5 semesters (Top 1%)

## RESEARCH INTERESTS

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Human-Computer Interaction, Social Computing, Human-AI Interaction, Health & Well-being, Crowdsourcing, Online Discussion, Digital Civics, Accessibility, Data-driven Design

## PUBLICATIONS

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- [1] **ThinkWrite: Design Interventions for Empowering User Deliberation in Online Petition**  
**Kim J.**, Kim C., Nam K.  
*CHI 2022 Late-breaking Work.*
- [2] **Service Design Strategies for Seamless EV Charging Experience**  
**Kim J.**, Kim J., Jang J., Choi J., Nam K.  
*KSDS 2020*
- [3] **Study of Voice-Based Crowdsourcing Platform for the Enhancement of Self-support for the Visually Impaired**  
**Kim J.**, Song G.R., Kim H., Kim E., Lee W.  
*AHFE 2019*

## RESEARCH EXPERIENCE

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- Mar 2020 - Daejeon, Korea  
**Designize Lab**, Korea Advanced Science & Technology (KAIST)
  - Advisor: Prof. Ki-Young Nam
  - Thesis Committee: Ki-Young Nam, Sangsu Lee, Changhee Lee
- Mar 2019 - Dec 2019 Pohang, Korea  
**UX Design Research collaborated with LG Electronics R&D**
  - Advisor : Prof. Eunjong Lee
- Jul 2018 - Jul 2019 Pohang, Korea  
**Human-Computer Interaction Lab**, HGU
  - Undergraduate Researcher
  - Advisor: Prof. Won-sup Lee
- Jan 2019 - Feb 2019 Pohang, Korea  
**Ergonomic Design & Technology Lab**, Pohang University of Science and Technology (POSTECH)
  - Research Intern at Dept. of Industrial and Management Engineering
  - Advisor : Prof. Heecheon You
- Jul 2018 - Aug 2018 Seoul, Korea  
**User Experience Lab**, Seoul National University (SNU)
  - Research Intern
  - Advisor: Prof. Joong-Seek Lee
- Mar 2018 - Feb 2020 Pohang, Korea  
**The Answer (UX Design group)**, HGU
  - Advisor : Prof. Eunjong Lee
- Jun 2017 - Jul 2018 Pohang, Korea  
**Design Lab**, HGU
  - Undergraduate Researcher
  - Advisor: Prof. In-Wook Choi

## RESEARCH PROJECTS

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- Sep 2022 -  
**Development of Crowd-sourcing System for the Local Sharing of Social Resources**
  - Funded by KAIST, working as a UX Researcher
- May 2021 - Daejeon, Korea  
**Design Interventions for Empowering User Deliberation in Online Petition Platform**
  - M.S. Research Thesis, KAIST
  - Published in CHI 2022 LBW ([Kim J.](#), Kim C., Nam K.)
- Developing Deliberation Augmented AI-Infused Civic Participation Platform using BERT**
  - Funded by Exploratory Research Program, KAIST

- Jun 2020 - Jun 2021 **Innovating Classroom Desks to Improve Student Experience in Future Classrooms**
- Funded by YESEM & KAIST
- Sep 2021 - Dec 2021 **What Matters the Most? Investigating the Gap Between Consumers and Companies with Term-based Sentiment Analysis**
- Analyzed text data with NLP methods (TF-IDF, Sentiment Analysis) to compare the company's web landing pages (Apple, Huawei, Samsung) & customer reviews
  - Identified companies' unique selling propositions (USP) and marketing strategies
- Mar 2020 - Dec 2020 **Public Display Design Strategies for Passive Citizen Engagement in Civic Activities**
- Funded by Korea Land and Housing Corporation (LH) Social Venture
- Mar 2020 - Jun 2020 **Design Guidelines for Building AI Chatbots in Online Museum**
- KAIST User Centered Design Methodology Class Research
- Mar 2019 - Feb 2020 **Service Design Strategies for Seamless EV Charging Experience**
- UX Design Research, collaborated with LG Electronics R&D
  - Published in KSDS 2020 ([Kim J.](#), Kim J., Jang J., Choi J., Nam K.)
- Sep 2018 - Apr 2019 **Development of a Community Mapping App for the Non-Ambulatory**
- Funded by Korea Telecom (KT)
  - The Answer (UX Design group), HGU
- Jan 2019 - Feb 2019 **SAMSUNG LED Mask Development & Heuristic Evaluation for Hand Gripping Posture Analysis Program**
- Ergonomic Design & Technology Lab, POSTECH
- Jul 2018 - Aug 2018 **Development of a Conversational AI Chatbot Framework for the Arts and Tourism Contents**
- Funded by Korea Creative Content Agency
  - User Experience Lab, SNU
- Aug 2017 - Mar 2018 **Development of Voice-based Crowdsourcing Platform for the Enhancement of Self-support for the Visually Impaired**
- Published in AHFE 2019 ([Kim J.](#), Song G.R., Kim H., Kim E., Lee W.)
  - Human-Computer Interaction Lab, HGU
- Aug 2017 - Jul 2018 **A Study on the Development of VR Education Contents for the Mentally impaired**
- Design Lab, HGU

## ACADEMIC SERVICES

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Reviewer : CHI 2022

## AWARDS & HONORS

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Oct 2021 **Grand Prize in MTS UX / HCI Heuristic Evaluation Competition**, Shinhan Investment

- Heuristic report about UX / HCI Mobile Trading System (MTS) improvement

2020 Dec - 2021 Oct **Service Designer Expert**, Korean Government

- Building Policies for Young Single-person Households Project
- Start-up Incubating Programs based on Urban Regeneration Project
- Funded by Daejeon Metropolitan City Daedeok District, Korea Government

Oct 2021 **Top 3 in House Price Prediction Challenge Competition, Kaggle**, KAIST

- KAIST Data Mining Course in the Dept. of Computer Science
- House Price Prediction challenge in Kaggle by using machine learning models
- Ensemble model

Jul 2020 **James Dyson International Design Competition**, James Dyson Award

- National Runner-up 2020
- Vortex Laundry: Water-powered Laundry Kit for LEDC

Feb 2020 **Magna Cum Laude, Graduated with Honors**, HGU

- 4.21/4.5 (Overall), 4.39/4.5 (Major)

Aug 2015 - Feb 2019 **Top 1% Academic Excellence Scholarship**, HGU

- Top 1% Academic Excellence Scholarship
- Awarded for five consecutive semesters

Nov 2018 **Software Festival - Excellence award**, HGU

- Developed a Community Mapping App for the Non-Ambulatory

Sep 2017 **Prize of Excellence, Pohang Steel Design Competition**, Pohang City

## TEACHING EXPERIENCE

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- Mar 2020 - Dec 2021 **Teaching Mentor for Start-ups, KAIST**
- Mentoring sessions about Customer Experience & Design Thinking for 10 start-ups
- Mar 2021 - Jun 2021 **Teaching Assistant, KAIST**
- Introduction to Basic Design and Practical Skills
- Oct 2018 - Mar 2019 **Teaching Assistant, HGU**
- Human-Computer Interaction
  - Create lecture materials for Human-Computer Interaction Course
- Summer 2018 **Teaching Volunteers, HGU**
- Mentored high school students in pre-major camps
  - Introduction to basic computer programming skills with Scratch
- Mar 2017 - Jun 2017 **Teaching Assistant, HGU**
- Programming I (Python Programming)
  - Introduction to Python programming and leading Q&A sessions

## SELECTED COURSES

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### Programming

- Web Programming (GCS10003), Web Service Planning and Practicum (SIT32006), Introduction to ICT Application (GCS10002), Programming I (CCE20003 - **Python**), Programming II (SIT22005 - **C++**, **Data Structures**), C-Programming (ECE10002)
- Introduction to Data Science (SIT22003), Data Mining and Knowledge Discovery (KSE525), Big Data Analytics Using R (CS564), Data Analytics for Designers (ID430), Research Methodology (ID502 - **Statistics for Quantitative Research**)

### HCI & UX Design

- Human Computer Interaction (SIT32002), Kansei & Cognitive Engineering (SIT32003), Human-Centered Design (IID30068), UX Design (IID50019), User Centered Design Methodology (ID508), Managing Design Innovation for Business Technology & Society (ID830), Design Research and Planning I (IID30078) & II (IID30079), Capstone Design I & II (UX Design research)

### Design Skills

- Fundamentals of Computer Graphics (GCS20008), Introduction to Visual Media (SIT22007 - Maya), Computer Graphic Design 1 (IID20055) & Computer Graphic Design 2 (IID20057)

## LICENSE

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Sep 2021

### **Advanced Data Analytics Semi-Professional** (Korea Data Agency)

- Nationally Accredited License, Semi-Professional
- License Number : 030008046

## LANGUAGE PROFICIENCY

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**English** (Professional Proficiency)

**Korean** (Native)

## SKILLS

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### **Qualitative Methodologies**

Ethnographic Methods • User Research • User Interview • Wireframes • Participatory Design • Prototyping • Personas • User Stories • Scenario-based Design • Usability Testing • A/B Testing.

### **Quantitative Methodologies**

Survey Design • Experiment Design • Statistical Analysis • Modeling

### **Programming**

**Data** : Python • R (tidyverse, dplyr, ggplot2) • SPSS • C • C++

**Software**: HTML • Node.js • CSS • JavaScript

### **Design Tools**

Adobe XD • Figma • Sketch • Adobe Photoshop • Adobe Illustrator • Adobe After Effects • Protopie • Rhino