

Seo-young (Anne) Lee

INFORMATION

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CITIZENSHIP United States

RESEARCH INTERESTS

Human-Robot Interaction, Human-Computer Interaction, VR/AR, Personality, Discourse Analysis, Pragmatics, Linguistics, Non-verbal cues

EDUCATION

Seoul National University, Department of Communication
Master of Arts, Degree expected: Feb. 2019
Advisor: Prof. Joonhwan Lee

Cornell University, Department of Communication
Bachelor of Science, Degree earned: May 2016
Dean's list: Spring 2016
Advisor: Prof. Poppy McLeod

PUBLICATIONS

Lee, S. Y. & Lee, J. (2019). In *Companion of the 2019 ACM Designing Interactive Systems (In Progress)*

Kim, S., Lee, G., Lee, S. Y. & Lee, J. (2019). Players of a quiz show flocks together: Motivation and social experience in live mobile quiz shows In *Companion of the 2019 ACM CHI Conference on Human Factors in Computing Systems (Under Review)*

Lee, S. Y., Kim, S., Lee, G. & Lee, J. (2018). Robots in Diverse Contexts: Effects of Robots Tasks on Expected Personality. In *Companion of the 2018 ACM/IEEE International Conference on Human-Robot Interaction* (pp. 169-170). ACM

Kim, S., Maeng, W., Oh, C., Lee, J., Lee, S. Y., Choi, J., S.W., G.W. & Lee, J. (2017). Immersive VR for numerical engagement. In *Proceedings of the 23rd ACM Symposium on Virtual Reality Software and Technology* (p.64). ACM.

CONFERENCE PRESENTATIONS

Lee, S. Y., Kim, S., Lee, G. & Lee, J. (2018). Robots in Diverse Contexts: Effects of Robots Tasks on Expected Personality. In *Companion of the 2018 ACM/IEEE International Conference on Human-Robot Interaction* (pp.169-170). Chicago, IL.

Maeng, W. J., Kim, H., Woo, J., Huh, Y., Lee, S. Y., Choi, J., Lee, S.W., Eun J., Lee K. & Lee J. (2018). Implications for the Design of Sexual Harassment Prevention System for Online Games, In *Journal of Korea HCI*, The HCI Society of Korea, Seoul, Korea

Lee, S. Y., Kim, S., Lee, G. & Lee, J. (2018). Robots in Diverse Contexts. In *Journal of Korea HCI* (2018), (pp. 512-517). The HCI Society of Korea, Seoul, Korea

Kim, H., Lee, S. Y. & Lee J. (2017). Implications for the Design of Sexual Harassment Prevention System for Online Games, Tokyo University-Seoul National University Symposium, Tokyo, Japan

WORK EXPERIENCES

- | | |
|------------------------|--|
| June 2018
- CURRENT | Korean Institute of Science and Technology (KIST)
<i>Intelligent Robot Media Research Lab</i>
- Designed the social dialogue model |
| Aug 2016
- Current | SeerAI INC. (Seoul, Korea)
- Designed the tangible user interface
- Designed SW educational coding robot AQUILA for computational thinking |

PROJECTS

- | | |
|------------------------|---|
| May 2018
- Current | AI speaker persona hub system project
<i>Seoul National University + LG Uplus</i>
- Designed the hub system in IoT environment.
- Analyzed personas of current AI speakers in the market.
- Designed multi persona, personalities of AI speakers, and hub systems. |
| June 2018
- Current | Designing the social dialogue model for chatbot
<i>Intelligent Robot Media Research Lab</i>
- Designed the automation server system, Google API system.
- Accumulated conversation data in the context of counseling.
- Analyzed and tagged conversation data with social cues.
- Built social dialogue model using Python Markov chain model. |
| Feb 2017
- Feb 2018 | Robot journalism national development business
<i>Seoul National University + Seoul Broadcasting System</i>
- Developed the client of algorithm generated news articles (presidential election and Pyeong Chang Winter Olympics) |

COMPUTING SKILLS

Python, Html, CSS, Tableau, R, SPSS, Git, LaTeX

Premiere Effect, Photoshop, Illustrator, Balsamiq, Sketch

AWARDS & FELLOWSHIPS

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| 2019
- 2021 | SeerAI INC. (Seoul, Korea)
<i>Doctoral Study Fellowship</i> |
| 2017 | 1st prize Student Human Rights Competition
<i>Seoul National University</i> |
| 2017 | 2nd prize Graduate Student Paper Award
<i>Korea Association for Telecommunications Policies</i> |

CERTIFICATES

Quantitative data analysis (SPSS, R), 2017, Korea Social Science Data

LANGUAGES

English: Native speaker
Korean: Native speaker
French: Fluent (DELF B1)

RESEARCH METHODOLOGIES

Quantitative and Qualitative research

Human Centered Design:
Survey, observation study, Contextual Inquiry, Usability Test, Interview, Focus Group Interview, Persona, Think Aloud, Co-design workshop