

Yoonwon Jung

Curriculum Vitae

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RESEARCH INTERESTS

Emotion, Language, Culture, Computational Linguistics, Affective Computing

EDUCATION

Ph.D. Cognitive Science 2023 – 2028 (Expected)
UC San Diego California, USA

Advisor: Benjamin Bergen, Ph.D.

M.A. Psychology 2020 – 2022
Seoul National University Seoul, Korea

Advisor: Sowon Hahn, Ph.D.

Thesis: “Social robots as companions for lonely hearts: The role of anthropomorphism and robot appearances”

B.A. Psychology 2016 – 2020
Seoul National University Seoul, Korea

Summa Cum Laude

Departmental First-Class Distinction (1/31)

Exchange Student Fall 2018
Boston College Massachusetts, USA

PUBLICATIONS

Journal Articles

Kim, JW., **Jung, Y.**, Lee, YK., & Hahn, S. (2023). The relationship between perspective-taking ability and psychological and emotional characteristics observed in a large emotion diary dataset: A cluster analysis. *Korean Journal of Health Psychology*, 28(1), 1-25, 10.17315/kjhp.2023.28.1.001. [\[pdf\]](#)

Conference Proceedings

Jung, Y., & Hahn, S. (2023). Social Robots As Companions for Lonely Hearts: The Role of Anthropomorphism and Robot Appearance. *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*, 2520–2525. <https://doi.org/10.1109/RO-MAN57019.2023.10309617>.

Lee YK., **Jung, Y.**, Kang, K., & Hahn, S. (2023). Developing Social Robots with Empathetic Non-Verbal Cues Using Large Language Models. Late Breaking Report in *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. [\[pdf\]](#)

Jung, Y., Lee, YK., & Hahn, S. (2021). Web-scraping the Expression of Loneliness during COVID-19. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43. <https://escholarship.org/uc/item/53m546pq>.

Lee, YK., **Jung, Y.**, Lee, I., Park, JE., & Hahn, S. (2021). Building a Psychological Ground Truth Dataset with Empathy and Theory-of-Mind During the COVID-19 Pandemic. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43. <https://escholarship.org/uc/item/950900w7>.

Unpublished Manuscripts

Jung, Y., Jung, S. & Hahn, S. The Effect of Emotional Clarity on Mental Health: The Mediating Role of Catastrophizing. [Under Review].

Jung, Y., Lee, Y. & Hahn, S. Age and gender differences in loneliness during the COVID-19: Analyses on large cross-sectional surveys and emotion diaries. [Unpublished manuscript]. PsyArXiv. [\[pdf\]](#)

Lee, YK., Lee, I., Park, J. E., **Jung, Y.,** Kim, J., & Hahn, S. A Computational Approach to Measure Empathy and Theory-of-Mind from Written Texts. [Unpublished manuscript]. arXiv:2108.11810. [\[pdf\]](#)

CONFERENCE PRESENTATIONS AND WORKSHOPS

Oral Presentations

[**Presenter**] **Jung, Y.,** & Hahn, S. (2023). Social robots as companions for lonely hearts: The role of anthropomorphism and robot appearance. *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Busan, Republic of Korea.

Poster Presentations

[**Presenter**] Lee YK., **Jung, Y.,** Kang, K., & Hahn, S. (2023). Developing Social Robots with Empathetic Non-Verbal Cues Using Large Language Models. *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Busan, Republic of Korea. [\[pdf\]](#)

[**Presenter**] **Jung, Y.,** Jung, S., Hahn, S. (2023). The effect of emotional clarity on mental health: the role of emotion regulation. *The 13th International Conference on Cognitive Science*. Seoul, Republic of Korea. [\[pdf\]](#)

[**Presenter**] **Jung, Y.,** Lee, YK., & Hahn, S. (2021). Age and gender differences in loneliness during the COVID-19: Analyses on large cross-sectional surveys and emotion diaries. *The Annual Conference of Korean Cognitive Science Society*, Seoul, Republic of Korea (Virtual). [\[pdf\]](#)

[**Presenter**] **Jung, Y.,** Lee, YK., & Hahn, S. (2021). Web-scraping the Expression of Loneliness during COVID-19. *The 42nd Annual Meeting of the Cognitive Science Society*, Vienna, Austria (Virtual). [\[pdf\]](#)

Lee, YK., **Jung, Y.,** Lee, I., Park, JE., & Hahn, S. (2021). Building a Psychological Ground Truth Dataset with Empathy and Theory-of-Mind During the COVID-19 Pandemic. *The 42nd Annual Meeting of the Cognitive Science Society*, Vienna, Austria (Virtual).

Workshops

[**Co-Organizer**] Large Language Models in the RoMan Age: Exploring Social Impact and Implications for Design and Ethics. (2024). Workshop in *2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Pasadena, USA.

TALKS

Incorporating Large Language Models in Robotic Systems: The Current Challenges and Opportunities in Human-Robot Interaction. Extended Abstract Presentation at *Large Language Models in the RoMan Age: Exploring Social Impact and Implications for Design and Ethics* workshop in *2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Pasadena, USA.

Social Robots as Companions for Lonely Hearts: The Role of Anthropomorphism and Robot Appearance. *Invited talk at the Cogsci 2023 Seoul Local Meetup*. Jul. 2023. Virtual. [\[link\]](#)

Web-scraping & Topic Models. *Open Lab Talk by Human Factors Psychology Lab (Seoul National University).* Aug. 2021. Virtual. [\[link\]](#)

Loneliness & Web-scraping. *Open Lab Talk by Human Factors Psychology Lab (Seoul National University).* Jan. 2021. Virtual. [\[link\]](#)

FELLOWSHIPS AND GRANTS

Fellowship for International Ph.D. students, KFAS (Korea Foundation for Advanced Studies). 2023 – 2028 (Expected). \$13,000 / year

Fellowship for International Ph.D. program applicants, KFAS (Korea Foundation for Advanced Studies). 2022-2023. 5,000,000 won (\$5000)

SNU Social Sciences Research Grant for Graduate Students, Seoul National University. 2021. 3,000,000 won (\$3,000)

Social Science Research Grant for Undergraduates, Seoul National University. 2019. 1,500,000 won (\$1,500)

Special Research Grant for Undergraduates: Exploration on Value and Practice, Seoul National University. 2019. 3,000,000 won (\$3,000)

AWARDS AND SCHOLARSHIPS

Graduate Scholarship for Academic Excellence (Biannual), Seoul National University. Spring 2021.

Summa Cum Laude, Departmental First-Class Distinction(1/31), Seoul National University. 2020.

Undergraduate Scholarship for Academic Excellence (Annual), Yongin Human Resources Development Foundation. 2016, 2018, 2019

Undergraduate Scholarship for Academic Excellence (Biannual), Seoul National University. Spring 2016, Fall 2016, Spring 2017, Spring 2018.

TEACHING EXPERIENCE

[Teaching Assistant] Large Language Models and Cognitive Science, UC San Diego. Spring-Fall 2025.

[Teaching Assistant] Bilingual Minds and Brains, UC San Diego. Winter 2025.

[Teaching Assistant] Introduction to Cognitive Science, UC San Diego. Spring-Fall 2024.

[Teaching Assistant] Hands on Computing, UC San Diego. Winter 2024.

[Teaching Assistant] Introduction to Psychology, Seoul National University. Spring 2021.

WORK EXPERIENCE

[Editorial Secretary] Korean Journal of Cognitive Science, The Korean Society for Cognitive Science. Jan. 2022 – Jan. 2023.

- Managed peer review and quarterly publication process
- Coordinated communication between authors, reviewers, and editorial board members.

[Intern] C.lab (Startup Incubation Program), Samsung Electronics. Jun. 2019 – Aug. 2019.

- Supported the HAXBY team in developing an AI-based math learning assistance application.

- Assisted in-person user tests and identified limitations in functionality and interface design.
- Designed user experience (UX) flows for application pages, including personalized math support and user analytics dashboards for students and teachers.

SKILLS

Language

Korean Native proficiency

English Full professional proficiency (GRE: V163/Q170/W4.5)

Programming & Data Analysis

Python Preprocessing (pandas, numpy, nltk, spaCy), Web-scraping (beautifulsoup, selenium, requests), Machine learning & Deep learning (gensim, pytorch), Visualization (matplotlib), Building experiments (psychopy)

R Preprocessing (tidyverse), Statistical analyses (psych, sem, lme4), Visualization (ggplot2)

REFERENCES

Benjamin Bergen, Ph.D. **Ph.D. Advisor** bkbergen@ucsd.edu

Department of Cognitive Science, UC San Diego, La Jolla, CA, USA.

Sowon Hahn, Ph.D. **Master's Advisor** swhahn@snu.ac.kr

Department of Psychology, Seoul National University, Seoul, Republic of Korea.