

SOOMIN SHIN

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Google Scholar \diamond Github

EDUCATION

University of Waterloo

Present

PhD. in Electrical and Computer Engineering

Korea University

MSc. in Brain and Cognitive Engineering

Seoul Women's University

B.A. in Child Studies

B.E. in Multimedia

PUBLICATIONS

- [1] S. Shin and J.-h. Bang, "A study on transition from educational programming to general programming," in *Review of Korean Society for Internet Information*, 2017, v.18, no.2.
- [2] S. Shin and J. Hwang, "Artificial intelligence-based projective test result analysis system," in *Review of Korean Society for Internet Information*, 2018, v.19, no.2.
- [3] S. Shin, D. Kang, and S. S. Kwak, "Is a robot trustworthy enough to delegate your control?" In *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*, IEEE, 2023, pp. 2415–2420.
- [4] Y. Kwon, S. Shin, K. Yang, *et al.*, "Heterogeneous robot-assisted services in isolation wards: A system development and usability study," in *2023 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, IEEE, 2023, pp. 8069–8076.
- [5] S. Shin and S. S. Kwak, "Do hierarchies in a robot team impact the service evaluation by users?" In *2023 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, IEEE, 2023, pp. 3983–3990.
- [6] S. Shin, D. Kim, and C. Wallraven, "Contextual modulation of affect: Comparing humans and deep neural networks," in *Companion Publication of the 2022 International Conference on Multimodal Interaction*, 2022, pp. 127–133.

PROFESSIONAL EXPERIENCE

Social and Intelligent Robotics Research Lab, *Graduate Researcher*

University of Waterloo, Canada

Artificial Intelligence and Robotics Institute, *Research Intern* [3]–[5]

Korea Institute of Science and Technology, Korea

Cognitive Systems Lab, *Graduate Researcher*[6]

Korea University, Korea

Cognitive Systems Lab, *Research Assistance*

Korea University, Korea

Korea Joongang Daily, *Front-end Development Intern*

Korea Joongang Daily, Korea

ACHIEVEMENTS

Graduate Research Studentship

Present

University of Waterloo

International Doctoral Student Award

Sep 2023

University of Waterloo

Provost's Doctoral Entrance Award for Women

Sep 2023

University of Waterloo

Academic Excellence Scholarships

Aug 2018

Ministry of Education, Korea Student Aid Foundation

Academic Excellence Scholarships

Aug 2016

Seoul Women's University

VOLUNTEERING

Pyunghwa welfare center

2015

Assisted a teacher for adolescents with Autism and Down syndrome

GRADUATE TEACHING EXPERIENCE

URAs mentoring for robotics programming, University of Waterloo

Fall 2024

Digital Computation (BME121), University of Waterloo

Fall 2024

Algorithm Design and Analysis (ECE406), University of Waterloo

Winter 2024