Whani Kim

Seoul, South Korea

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Work Experience

Product Lead
Seoul, South Korea
HAII THERAPEUTICS
Oct 2023 — Present
- Led product development and strategies of Alzguard, a digital cognitive impairment diagnosis application
- Spearheaded the proposal submission of randomized clinical trial of Alzguard for FDA approval

UX/R&D Researcher
Seoul, South Korea
HAII THERAPEUTICS
Dec 2022 — Present
- Led the localization efforts of Alzguard for the U.S. market
- Developed new tasks for Alzguard referencing more than +50 scientific literature, which improved its accuracy and effectiveness in identifying cognitive impairment

UX Researcher
Seoul, South Korea
BUYRUS DESIGN
Feb 2022 — Dec 2022
- Collaborated directly with North American counterpart and client to coordinate FGD & IDI interview schedules and manage participants that resulted in drop-out rates of 16% in a 12 week diary study
- Analyzed both qualitative and quantitative data to produce actionable insights regarding usability of AI Math Education Application targeted towards North American users
- Conducted desk research, expert interviews, focus group workshops, and user shadowing for next generation in-vehicle infotainment system project and autonomous robotaxi project
- Translated more than 1400 data entries (ENG-KOR) and 350 survey items (KOR-ENG) taking culture into context which led to more accurate assessments

Graduate Researcher - Dept. of Psychology, Seoul National University
Seoul, South Korea
HUMAN FACTORS PSYCHOLOGY LAB (PI: SOWON HAHN, PH.D.)
Mar 2019 — Feb 2021
- Oversaw and involved in every process of research from A to Z as a project manager
- Developed Korean versions of social cognition tasks: RMET & Faux Pas Recognition
- Developed a psychological model of emotion based on breathing patterns
- Created "Psychological Resilience Questionnaire" referencing more than +100 scientific literature

Teaching Assistant - Seoul National University
Seoul, South Korea
INTRODUCTION TO PSYCHOLOGY - INTERNATIONAL SUMMER PROGRAM
Summer 2019
- Developed and coordinated daily in-class activities and oversaw administrative duties

Education

Seoul National University
Seoul, South Korea
M.A. IN COGNITIVE PSYCHOLOGY (ADVISOR: SOWON HAHN, PH.D.)
Mar 2019 — Feb 2021
- Master's Thesis: "The Role of Robot Body Language on the Perception of Social Qualities and Human-likeness in Robots"

University of Texas at Arlington
Arlington, Texas
B.S. IN PSYCHOLOGY - DISTINGUISHED SCHOLARS PROGRAM (ADVISOR: SHANNON LAYMAN, PH.D.)
Aug 2011 — May 2016
- Honors Thesis: "Comfort in Music: Effect of Music on the Need for Cognitive Closure"
- Research Assistant at Cognitive Neuroscience of Memory Lab
- Assisted with research on "Effects of tDCS Stimulation on Associative Memory in Individuals with Depression"

Publications

- **Kim, W.**, Kim, J.S., Ko, H.J., Yun, B.H., Kim, Y.Y., Kim, D.H., ... & Kim, J.W. (2023). A Preliminary Feasibility Study on Screening Cognitive Impairment based on Multi-Modal Biomarkers and Stacking Ensemble AI Approach, *Alzheimer's & Dementia, 19*, e082466.

- Zhang, X., Lee, S.K., **Kim, W.**, & Hahn, S. (2023). "Sorry, It Was My Fault": Repairing Trust in Human-Robot Interactions, *International Journal of Human-Computer Studies, 175*, 103031.

- Rhee, Y.W., **Kim, W.**, & Hahn, S. (2019). The Role of Trust in Interaction with AI Agents. Poster presented at *the 60th Annual Meeting of the Psychonomic Society*. Québec, Canada.

- Lee, J., **Kim, W.**, & Hahn, S. (2019). The Effect of Computer Self-Efficacy on Reliance in Automated Car Task. Poster presented at *the Annual Meeting of the Cognitive Science Society.* Seoul, South Korea

- **Kim, W.**, & Layman, S. (2016). Comfort in Music: Effect of Music on the Need for Cognitive Closure. Poster presented at *the Annual Celebration of Excellence by Students*. Arlington, Texas