

Whani Kim

Seoul, South Korea

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Work Experience

UX Researcher

Seoul, South Korea

BUYRUS DESIGN

2022 — Present

- 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.)

March 2019 — February 2021

- See "Research Projects" section for detailed information

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

Research Assistant - Dept. of Psychology, University of Texas at Arlington

Arlington, Texas

COGNITIVE NEUROSCIENCE OF MEMORY LAB (PI: HEEKYOUNG PARK, PH.D.)

August 2014 — May 2016

- Assisted with research on "Effects of tDCS Stimulation on Associative Memory in Individuals with Depression"

Education

Seoul National University

Seoul, South Korea

M.A. IN COGNITIVE PSYCHOLOGY (ADVISOR: SOWON HAHN, PH.D.)

March 2019 — February 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.)

August 2011 — May 2016

- Honors Thesis: "Comfort in Music: Effect of Music on the Need for Cognitive Closure"

Research Projects

AI-based Service Platform for Psychological Diagnosis and Management

Ministry of SMEs and Startups

FISCAL MANAGER & RESEARCHER (PI: SRUNIVERSE)

Dec 2019 — Dec 2020

- Developed psychological model of emotion based on breathing patterns
- Created "Psychological Resilience Questionnaire" with reference from previous literature

Effect of Newspaper Reading on Cognitive Processes of the Brain

Korean Newspaper Association

PROJECT MANAGER (PI: SOWON HAHN, PH.D.)

May 2019 — Nov 2019

- Oversaw and involved in every process of research from A to Z
- Developed Korean versions of social cognition tasks: RMET & Faux Pas Recognition
- Delivered research findings in written report with results being publicized in various news media outlets

Development of Immersive Tourism Technology Utilizing 4D Technology and Affective Modeling

Korean Institute of Culture and Tourism

RESEARCHER (PI: SOWON HAHN, PH.D.)

Mar 2019 — Dec 2019

- Collaborated with SW engineers and UX designers to create tourist programs

Publications

- Zhang, X., Lee, S.K., **Kim, W.** & Hahn, S. (2021). "Sorry, It Was My Fault": Repairing Trust in Human-Robot Interactions. Manuscript submitted for publication.
- 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