

# Whani Kim

44-9, Hasinso 1-gil, Banpo-myeon, Gongju-si,  
Chungcheongnam-do, South Korea

✉ whani.kim405@gmail.com | 🏠 domeis.github.io | 📷 Domeis

## Research Interests

User Experience Research, Human-Robot Interaction, User Interface, and Human Centered Designs

## Education

### Seoul National University

Seoul, South Korea

M.A. IN COGNITIVE PSYCHOLOGY

2019 - 2021

- Advisor: Sowon Hahn, Ph.D.
- 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

2011 - 2016

- Distinguished Scholars Program (Advisor: Shannon Layman, Ph.D.)  
Designed and Conducted Experiments For Honors Thesis: "Comfort in Music: Effect of Music on the Need for Cognitive Closure"

## Research Experience

### Human Factors Psychology Lab - PI: Sowon Hahn, Ph.D.

Seoul, South Korea

GRADUATE RESEARCHER

2019 - 2021

- Department of Psychology, Seoul National University

### Cognitive Neuroscience of Memory Lab - PI: Heekyoung Park, Ph.D.

Arlington, Texas

UNDERGRADUATE RESEARCH ASSISTANT

2014 - 2016

- Department of Psychology, University of Texas at Arlington
- Assistance with Research on "Effects of tDCS Stimulation on Associative Memory in Individuals with Depression"
  - Duties included Piloting Studies, Running Participants, and Data Sorting.

## Poster Presentations

- Rhee, Y.W., **Kim, W.** & Hahn, S. (2019). The Role of Trust in Interaction with AI Agents. 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. 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. Presented at *the Annual Celebration of Excellence by Students*. Arlington, Texas

## Projects

- **Fiscal Manager & Researcher**, Development of AI-based Service Platform for Psychological Self-Test and Management. *Ministry of SMEs and Startups*, 2019 — 2020
  - Managed Research Budget to Ensure Compliance with Regulations
  - Developed a Psychological Model of Emotion based on Breathing Patterns
  - Created Wireframes to Serve as a Initial Guide to Application Building Process
- **Project Manager**, Analysis of the Effect of Newspaper Reading on Cognitive Processes of the Brain Using EEG. *Korean Newspaper Association*, 2019
  - Oversaw and Involved in Every Process of Research from A to Z
  - Developed Korean Versions of Social Cognition Tasks: RMET & Faux Pas Recognition
- **Graduate Researcher**, Development of Immersive Tourism Technology Utilizing 4D Technology and Affective Modeling. *Korea Culture and Tourism Institute*, 2019
  - Supported the Creation of User Interface and User Experience in Tourist Programs to Enhance Immersiveness
  - Assisted in Collecting & Drafting up the Final Report

## Teaching Experience

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### Introduction to Psychology - International Summer Program

TEACHING ASSISTANT

Seoul National University

Summer 2019

## Grants and Scholarships

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### College of Social Sciences

FUTURE SOCIAL SCIENCES RESEARCHER DEVELOPMENT GRANT

Seoul National University

2020 - 2021

- Received ₩3,000,000 (\$2,661 equivalent) for Research on  
“Role of Robot Body Language on the Perception of Physically Embodied Robots”

### Woosan Scholarship

RECIPIENT

Seoul, South Korea

2019-2021

## Other Experiences

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### ROK-US Combined Forces Command

INTERPRETER/TRANSLATOR - COMPULSORY MILITARY SERVICE

Seoul, South Korea

2016 - 2018

- Squad Leader
- Interpreted during Combined Military Exercises including KR/FE and UFG
- Translated Various Military Documents

### Psi Chi - The International Honors Society in Psychology

MEMBER

Chattanooga, Tennessee

2015 - Present

### UTA Psychology Society

MEMBER

Arlington, Texas

2015-2016