

EDUCATION

- Aug 2022 - Present **University of Michigan**, Ann Arbor, Michigan, U.S.
- Ph.D. candidate in the Department of Industrial and Operations Engineering
 - Advisor: Dr. Xi Jessie Yang
 - GPA: 4.0/4.0
- Mar 2020 - Feb 2022 **Seoul National University**, Seoul, Korea, Republic of
- Master of Science in Industrial Engineering
 - Advisor: Dr. Woojin Park
 - GPA: 4.17/4.3
- Mar 2014 - Feb 2020 **Seoul National University**, College of Liberal Studies, Seoul, Korea, Republic of
- Bachelor of Science in Industrial Engineering
 - Bachelor of Fine Arts in Design
 - Bachelor of Business Administration
 - GPA: 3.91/4.3 (**Graduated with the highest honor - Summa Cum Laude**)

RESEARCH EXPERIENCE

- Aug 2022 - Present **Interaction & Collaboration Research Lab**, University of Michigan
- Graduate student research assistant (Advisor: Dr. Xi Jessie Yang)
- Mar 2020 - Feb 2022 **Life Enhancing Technology Lab**, Seoul National University
- Student researcher (Advisor: Dr. Woojin Park)
- Sep 2017 - June 2018 **Center for Human Interface Systems**, Seoul National University
- Undergraduate student intern (Advisor: Dr. Myunghwan Yun)

PUBLICATIONS

- 2024 **Chung, H., & Yang, X. J. (2024, May). Associations between Trust Dynamics and Personal Characteristics.** In 2024 IEEE 4th International Conference on Human-Machine Systems (ICHMS) (pp. 1-6). IEEE.
- 2022 **Chung, H., Park, W., (2022). Training Older Adults to Use Public Information System: Effects of Medium and Instruction Type on Training Efficacy.** Proceedings of the HFES Annual Meeting, Vol 66, pp. 1-5.
- Ergonomics Issues in Improving Kiosk Accessibility for Older Adults**
(Masters Dissertation)
- 2021 **Chung, H., & Park, W. (2021). Training material design for helping older adults use touchscreen interfaces: an integrative literature review.** Proceedings of the ESK Conference, 106-106.
- 2019 Sung, E. J., **Chung, H.**, Kim, K., & You, J. (2019, June). **Honk? Talk! Designing Driver-to-Driver Communication Methods for Social Driving.** In Companion Publication of the 2019 on Designing Interactive Systems Conference 2019 Companion (pp. 295-299).
- Preprint* Nam, J., **Chung, H.**, & Lee, H. (2019). **A new terrain in HCI: Emotion Recognition Interface using biometric data for an immersive VR experience.** arXiv preprint arXiv:1912.01177.

SCHOLARSHIPS & GRANTS

Fall 2022 - Winter 2023	Departmental Fellowship, University of Michigan
2022	Study Abroad Fellowship, Kwanjeong Educational Foundation <ul style="list-style-type: none">• Research fellowship awarded to the top 50-100 Korean students nationwide in recognition of academic excellence
2021	Lecture and Research Support Scholarship, Seoul National University <ul style="list-style-type: none">• Worked as a teaching assistant of “Scientific Management” and “Vehicle Ergonomics”
2014/2016/2017/ 2020/2021	Merit-based Scholarship, Seoul National University
2020	Research Grant, 2020 X-mind Corps Program of National Research Foundation of Korea, Ministry of Science <ul style="list-style-type: none">• Topic: Tutorial Interface Design to Enhance Older Generation’s Abilities to Use Technology
2019	Undergraduate Research Grant, Seoul National University <ul style="list-style-type: none">• Topic: Exploring Impacts of Environmental Design for Self-Service Kiosks on User Experience and Technology Acceptance for the Older Adults
2018	Research Grant, BMW Group Korea & SNU Student Research Competition <ul style="list-style-type: none">• Topic: Context-aware Assistant Interface for Driver-to-driver Communication

AWARDS

2020	Special Prize, 2020 X-mind Corps Program, Seoul National University <ul style="list-style-type: none">• Awarded for solving a practical problem
2019	SNU Design Alumni President Award, Seoul National University <ul style="list-style-type: none">• Awarded for outstanding performance on 2019 Design Graduation Exhibition (Top 2 students/32)
2018	Excellence Award, BMW Group Korea & SNU Student Research Competition <ul style="list-style-type: none">• Awarded for remarkable research performance (3rd place/20 teams)

PATENTS

2020	“Method, apparatus and computer program for providing matching service between user and trainer to prevent and cure obesity”, Park, W., Moon, P., Moon, H., Chung, H. , Yoo, J., Korea Patent 10-2301225, 2020.
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WORK EXPERIENCE

Dec 2018 - Feb 2019	Woowa Brothers Corp. (https://www.woowahan.com/) Data Analyst Intern, Business Planning team <ul style="list-style-type: none">• Contributed to improving the service quality of “Baemin Riders food delivery service” through end-user data analysis
Jan 2018 - Sep 2018	Looxid Labs (https://looxidlabs.com/) Research Assistant <ul style="list-style-type: none">• Conducted extensive research on measuring and predicting user’s preference with eye-gaze and EEG data• Contributed to planning “User Testing Solution” service

ACTIVITY

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| Aug 2022 - Present | The University of Michigan HFES (Human Factors and Ergonomics Society) Student Chapter (http://websites.umich.edu/~hfes/Webpages/index.html) |
| Sep 2018 - Aug 2019 | Growth Hackers, Business Data Analysis Club, Seoul National University
(Advisor: Dr. Inseong Song) <ul style="list-style-type: none">• As a student vice-president, contributed to planning and organizing academy-industry joint projects• Tutored fellow students on the topic "User segmentation through clustering analysis" |
| July 2017 - Aug 2017 | BeST Summer Program, Campus Asia Program (http://clscampusasia.snu.ac.kr/) |
| June 2016 - Aug 2016 | Foreign Externship Program, College of Liberal Studies, Seoul National University <ul style="list-style-type: none">• Accomplished a field research on the thesis "Conformational Change and Future around Shin-Okubo: Hatred of Korea in Japan" |
| July 2015 - Aug 2015 | Volunteer Service in Namdinh, Vietnam, Seoul National University Social Responsibility <ul style="list-style-type: none">• As a student leader, contributed to designing and implementing volunteer programs |
| Mar 2015 - July 2015 | SNU Buddy, Student-led organization, Seoul National University <ul style="list-style-type: none">• Helped foreign exchange students adapt to both Korea and campus life |

SKILLS

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| LANGUAGES | <ul style="list-style-type: none">• Korean: Native• English: Full Professional• Chinese: Working Professional |
| PROGRAMMING & STATISTICS | <ul style="list-style-type: none">• Python, MATLAB, SQL• Tableau, ATLAS.ti• R, SPSS, AMOS, JMP |
| DESIGN | <ul style="list-style-type: none">• Adobe Photoshop, Illustrator, Premier, InDesign, XD• Rhino, Blender, AutoCAD, SketchUp, Keyshot, Indigo Renderer |