

Jiwan Kim (김지완)

Human Computer Interaction / Interaction lab / UNIST
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Portfolio: <http://wanzi.info>

EDUCATION

- 2013.03 – 2021.02. **Ulsan National Institute of Science and Technology (UNIST)**, Korea
B.S. in school of Human Factor Engineering & Computer engineering
GPA: 4.07/4.3 | Major: 4.13/4.3
- 2021.03 – **Ulsan National Institute of Science and Technology (UNIST)**, Korea
MSc-PhD in school of design, Interactions Lab, advisor: Ian Oakley

RESEARCH EXPERIENCE

- 2021.03 - **Interactions Lab**, Dept. of Design UNIST, Ulsan, Korea
MSc-PhD combined / Advisor: Ian Oakley
Research Interest: Sonar Sensing, Digital Phenotyping
- 2019.09 - 2021.02 **Interactions Lab**, Dept. of Human Factor Engineering UNIST, Ulsan, Korea
Research Intern / Advisor: Ian Oakley
- 2018.03 - 2018.07 **IVADER Lab**, Dept. of Human Factor Engineering UNIST, Ulsan, Korea
Data research Intern / Advisor: Sungahn Ko
Teaching Assistant in Object oriented programming class

PUBLICATION

- 2022 (ACM CHI) Jiwan Kim, and Ian Oakley. 2022. SonarID: Using Sonar to Identify Fingers on a Smartwatch. Proceedings of the 2022 CHI conference on Human Factors in Computing systems.
DOI: <https://doi.org/10.1145/3491102.3501935>
- 2021 (ACM CHI) Doyoung Lee, Jiwan Kim, and Ian Oakley. 2021. FingerText: Exploring and Optimizing Performance for Wearable, Mobile and One-handed Typing. Proceedings of the 2021 CHI conference on Human Factors in Computing systems.
DOI: <https://doi.org/10.1145/3411764.3445106>

POSTERS / DEMOS

- 2022 (ACM UIST) Jiwan Kim and Hyunjae Gil. 2022. Top-Levi: Multi-User Interactive System Using Acoustic Levitation. In The Adjunct Publication of the 35th Annual ACM Symposium on User Interface Software and Technology (UIST '22 Adjunct).
** Best Jury Award, Honorable Mention for People's Choice*
DOI: <https://doi.org/10.1145/3526114.3561347>

WORKSHOP PAPERS

- 2022 (ACM CHI) Jiwan Kim and Ian Oakley. 2022. New Sensors and Features for Digital phenotyping on Off the Shelf Smart Devices. In CHI 2022 Workshop on "The Future of Emotion in Human-Computer Interaction".
Link: [PDF](#)

RECOGNITION

2022. 11 **Best Jury Award, Honorable Mention for People's Choice**
Top-Levi: Multi-User Interactive System Using Acoustic Levitation.
Awarded by 2022 UIST Student Innovation Contest.
2021. 05 **Finer Winner**, Junction-X-Seoul 2021 (3,000,000 KRW)
One of the biggest global Hackathon in Korea
2021. 02 **Minister's Award (Top of the school)**, UNIST commencement ceremony
Awarded by the Minister of Science, ICT and Future Planning
2019. 11 **3rd prize** Uni-Code programming contest, HEXA & NAVER
2018. 12 **Award for devotion**, UNIST, Korea
Contribution to school development by student activity(student president)
2017. 12 **Best prize, Capstone Design Award**
Awarded by Ergonomics society of Korea, Korea
2017. 05 **Best prize, 9th Design Contest for other 90%**,
Awarded by Korean ministry of science, ICT, Korea
- 2016-2019 **Academic Achievement Award**
2016 Spring(4.06/4.3), 2016 Fall(4.22/4.3)
2017 Spring(4.12/4.3), 2017 Fall(3.94/4.3)
2019 Fall(4.20/4.3)

ACTIVITIES

- 2022.05 **ACM CHI 2022 Student Volunteer** (In-person)
- 2022.04 **Present a position paper**, 'New Sensors and Features for Digital phenotyping on Off the Shelf Smart Devices', at EMOCHI'22 (cis.unimelb.edu.au/hci/emotion-workshop)
Link: <http://wanzi.info/blog/9/>
- 2020.01 – 2023.02 **President(2021.02-), Executive board member(2020.01-2021.02)**,
DINO(Making club; using Arduino) @ UNIST
- 2020.03 – 2020.10 **Launch COVID-19 Tracking Map for Ulsan Region**, Template for Other Region
Jiwan Kim(Developer, Leader), Daeseong Jeon(Developer), Taeyoon Kim(Design)
<https://news.unist.ac.kr/unist-students-launch-covid-19-tracking-map-for-ulsan-region/>

2019.03 - 2019.08 **Grill & Fry Chef**, The Chicken Shed, Cairns, Australia

2018.03 - 2019.03 **Student President**, UNIST, Ulsan, Korea

2016 - 2018 **Director**, Humans of UNIST, Ulsan, Korea
Telling UNIST people's little stories in SNS and published 2 books.
www.facebook.com/humansofunist

2017.07-08 **World Friends ICT Volunteering**, Regent University, Accra, Ghana
Teaching web programming/ Android programming / Culture exchange

2016.07-08 **World Friends ICT Volunteering**, DEOKE Foundation school, Accra, Ghana
Teaching MS office program / Culture exchange

2014.01 – 2016.01 **Military service** as graphic designer at Republic of Korea Air Force