

Eunji Park

Ph.D Candidate | eunji.park@kaist.ac.kr | cookingfoil.github.io/

RESEARCH INTERESTS

Human computer interaction

User modeling; Quantifying and measuring user performance

Multimodal interaction and sensor fusion

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)

Ph.D Candidate in Computer Science (Advisor: Uichin Lee)

Daejeon, Korea

Feb 2019 – Feb 2023 (expected)

Korea Advanced Institute of Science and Technology (KAIST)

M.S. in Culture Technology (Advisor: Byungjoo Lee)

Daejeon, Korea

Feb 2017 – Feb 2019

- Thesis: Predicting error rates in pointing regardless of target motion

Korea Advanced Institute of Science and Technology (KAIST)

B.S. in Material Science and Engineering

Daejeon, Korea

Feb 2010 – July 2015

HONORS AND AWARDS

Research Grant for Ph.D. Candidates, National Research Foundation of Korea

2021

Best Paper Honorable Mention Award, CHI'21

2021

Best Paper Honorable Mention Award, CHI'20

2020

Kimyoungghan Global Leader Scholarship

2019

Wonkwangyeon Hall Exhibition Competition - Media art 'Water lily', Grand Prize

2017

EXPERIENCE

Graduate Research Assistant

Feb 2021 – present

Interactive Computing Lab, KAIST

Daejeon, Korea

- Modeling User Performance and Behavior Using Machinery Data from Automated Manufacturing System

Graduate Research Assistant

Feb 2017 – Feb 2021

Interactive Media Lab, KAIST

Daejeon, Korea

- Secrets of Gosu: Understanding Physical Combat Skills of Professional Players in First-Person Shooters (CHI'21)
- NYXL-IML Collaboration Project: Measuring NYXL Player's Physical and Cognitive Performance
- An Intermittent Click Planning Model (CHI'20)
- Button++: Designing Risk-aware Smart Buttons (CHI'18 Late Breaking Work)
- A Study on the Effect of Inter Key Spacing on Typing Performance (HCI Korea'18)
- Moving Target Selection: A Cue Integration Model (CHI'18)

R&D Researcher

July 2015 – Feb 2017

SK Hynix

Icheon, Korea

- Participated in process integration and performance improvement of DRAM

PUBLICATIONS

Conference Papers

- "Secrets of Gosu: Understanding Physical Combat Skills of Professional Players in First-Person Shooters"
Eunji Park, Sangyoon Lee, Auejin Ham, Mineyop Choi, Sunjun Kim, and Byungjoo Lee. (Accepted to CHI'21),
Best Paper Honorable Mention Award (top 5%)
- "An Intermittent Click Planning Model."
Eunji Park, and Byungjoo Lee. *In Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems. 2020.* (CHI'20), **Best Paper Honorable Mention Award (top 5%)**
- "Moving Target Selection: A Cue Integration Model"
Byungjoo Lee, Sunjun Kim, Antti Oulasvirta, Jong-In Lee, and **Eunji Park**. *In Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems. 2018.* (CHI'18)

Other publications

- "Button++: Designing Risk-aware Smart Buttons"
Eunji Park, Hyunju Kim and Byungjoo Lee. *In Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems. 2018.* (CHI'18 Late Breaking Work)
- "Predicting Error Rates in Pointing Regardless of Target Motion."
Eunji Park and Byungjoo Lee. *In arXiv preprint arXiv:1806.02973 (2018).*
- "A Study on the Effect of Inter Key Spacing on Typing Performance"
Hyunju Kim, **Eunji Park** and Byungjoo Lee. *In Proceedings of the 2018 HCI Korea. 2018.*

TALKS

EIRIC (Electronic & Information Research Information Center) Seminar

Sep 2021

SERVICES

Organizing

- 2019 SIGCHI Korea Local Chapter Workshop Local Co-Chair, 2020

Reviewing

- TEI'21 Work In Progress / CHI'21 Late Breaking Work / CHI'20 Late Breaking Work / CHI PLAY'19 Work In Progress / CHI'19 / CHI PLAY'20 Work In Progress / CSCW'20 Poster

Student Volunteer

- UbiComp'21

TEACHING EXPERIENCE

Teaching Assistant

- KAIST CS206 Data Structure, 2021
- KAIST KSE531 HCI Theory & practice, 2021
- KAIST CTP404 Making Things, 2020
- KAIST GCT564/CS564 Introduction to Data Analytics Using R, 2019
- KAIST GCT741 Human-Computer Interaction, 2017