

# Eunji Park

Ph.D Candidate | [eunji.park@kaist.ac.kr](mailto:eunji.park@kaist.ac.kr) | [cookingfoil.github.io/](https://cookingfoil.github.io/)

## RESEARCH INTERESTS

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**Human computer interaction**

**User behavior and performance modeling**

**Multimodal interaction and sensor fusion**

## EDUCATION

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**Korea Advanced Institute of Science and Technology (KAIST)**

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

Daejeon, Korea

Feb 2019 – Aug 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

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**Outstanding TA Award (CS592 Sensor Data Science)**, School of Computing, KAIST

2022

**Outstanding TA Award (CS206 Data Structure)**, School of Computing, KAIST

2022

**NAVER PhD Fellowship Award**, NAVER

2021

**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

**Kimyounghan Global Leader Scholarship**

2019

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

2017

## EXPERIENCE

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**Graduate Research Assistant**

Feb 2021 – present

Interactive Computing Lab, KAIST

Daejeon, Korea

- Human Digital Twin Research for Emotion Workers
- Understanding Physical Activity Tracking using Wearables and Smartphones
- Modeling User Performance and Behavior Using Machinery Data from Automated Manufacturing System (CHI'23)

**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

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### Conference Papers

- "Charlie and the Semi-Automated Factory: Data-Driven Operator Behavior and Performance Modeling for Human-Machine Collaborative Systems"  
**Eunji Park**, Yugyeong Jung, Inyeop Kim, Uichin Lee. (CHI'23)
- "Secrets of Gosu: Understanding Physical Combat Skills of Professional Players in First-Person Shooters"  
**Eunji Park**, Sangyoon Lee, Auejin Ham, Minyeop Choi, Sunjun Kim, and Byungjoo Lee. *In Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems. 2021.* (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

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UNIST CSE333 Seminar	May 2022
EIRIC (Electronic & Information Research Information Center) Seminar	Sep 2021

## SERVICES

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### 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

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### Teaching Assistant

- KAIST CS206 Data Structure, 2022
- KAIST CS592 Sensor Data Science, 2022
- KAIST CS206 Data Structure, 2021
- KAIST KSE531 HCI Theory & practice, 2021
- KAIST CTP404 Making Things, 2020
- KAIST CS564 Introduction to Data Analytics Using R, 2019
- KAIST GCT741 Human-Computer Interaction, 2017