

# Panyu Zhang

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## EDUCATION

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### KAIST

*MS in Industrial Engineering GPA: 3.38/4.3*

**Daejeon, Korea**

*Expected Graduation: July 2022*

### Beijing Institute of Technology

*BS in Industrial Engineering Grade: 87.25/100*

**Beijing, China**

*Sept 2015 - June 2019*

## Experience

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### KAIST Interactive Computing Lab

*Master Student advised by Prof. Uichin Lee*

**Daejeon, Korea**

*Sept 2020 – Present*

- HCI, health behavior change

### Kshine Technology

*Internship ADAS embedded system engineer*

**Chongqing, China**

*Feb 2020 – July 2020*

- OpenAMP, Xilinx Zynq

## PROJECTS

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### Health Behavior Change

*Sept 2020 - Present*

- Causal inference in observational mobile data
- Mobile health data dashboard

### OpenAMP Implementation on ZYNQ

*Feb 2020 - July 2020*

- OpenAMP, communication between multiple ARM cores
- CAN communication

## Conference Papers

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- Respiration Regulation via Different Modes of Haptic Feedback Tested through the Playing Experience of Stressful Games
  - submitted to Ubicomp 2021 poster
  - first author
- Causal Analysis of Observational Mobile Sensor Data: A Comparative Study, Korea Computer Congress 2021
  - under press
  - co-first author
- Dai, Bingze, Dequan Yang, Linge Ai, and Panyu Zhang. "A novel video-surveillance-based algorithm of fall detection." In 2018 11th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics (CISP-BMEI), pp. 1-6. IEEE, 2018
  - fourth author

## Honors & Awards

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**Second-Class People's Scholarship**

**2017**

**Second-Prize of Mathematical Modeling Competition Of Beijing Institute of Technology**

**2017**