

# Heechan Yang

## Address

Room #2436, E3-1, School of Computing  
373-1 Guseong-dong, Yuseong-gu, Daejeon, South Korea 34141  
Korea Advanced Institute of Science and Technology (KAIST)  
E-mail: [heechan.yang96@gmail.com](mailto:heechan.yang96@gmail.com)  
Homepage: <https://yheechan.github.io>

## Education

- |                     |  |
|---------------------|--|
| Aug 2023 – present  | M.S in Computer Science, KAIST (advisor: Prof. Moonzoo Kim)      |
| Feb 2018 – Aug 2023 | B.S in Artificial Intelligence, Computer Science and Engineering |
|                     | • Handong Global University (HGU)                                |

## Publications

- **International journal articles (referred)**
- [1] None
- **International conference papers (referred)**
- [2] None
- **Domestic journal articles (referred, written in Korean)**
- [3] None
- **Domestic conference papers (referred, written in Korean)**
- [4] **H. Yang**, A. Lee, K. Cho, M. Kim, Systematic Study of Mutation-Based Dataset Construction for Deep Learning-Based Fault Localization on Military Defense SW, Korean Software Congress (KSC), Dec 2025
- [5] **H. Yang**, A. Lee, I. Lee, H. Nam, N. Jung, K. Cho, M. Kim, How to Create Dataset to Train a ML Model for Fault Localization: A Case Study on JsonCpp, Korean Computer Congress (KCC), June 2024
- [6] E. Ahn\*, **H. Yang\***, E. Jee, S. Hong, A Neural Language Model-based Text Editing Tool for OCR Result of Unstructured Childhood Education Materials, Korean Software Congress (KSC) Dec 2022 (**Undergraduate student research competition award**)

## Awards and Scholarships

1. Undergraduate Student Research Competition, Bronze Award (장려상), Korean Software Congress (KSC), Dec 2022

## Work Experience

- Sep 2022 – Dec 2022      United Nations, Human Rights, Office of the High Commissioner
  - Internship: Program Support and Management Services as Software Developer

## Other Activities

1. Vice-president of School of Computing, KAIST, Aug 2023 – Dec 2023
2. President of CSEE Undergraduate, HGU, Jan 2022 – June 2022
3. Vice-president of CSEE Undergraduate, HGU, July 2021 – Dec 2022