

# Kim Heechan

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## Education

### Gwangju Institute of Science and Technology (GIST)

Gwangju, South Korea

M.S Student in Artificial Intelligence Graduate School, SCI Lab

February 2022 - Current

- **Advisor:** Jin-Hyuk Hong
- **Courses:** Algorithms, Natural Language Processing, Introduction to self-driving cars, Artificial Intelligence Colloquium, Digital Exhibition Contents Projects, Entrepreneurship, Creative and Self-motivating Project

### Ulsan National Institute of Science and Technology (UNIST)

Ulsan, South Korea

M.S Student in Artificial Intelligence Graduate School

August 2021 - January 2022 (Drop Out)

- **Courses:** AI toolkits, Principles of Deep Learning

### Handong Global University

Pohang, South Korea

Bachelor of Science in Computer Science and Life Science (double major)

February 2016 - February 2021

- **Total GPA:** 3.76 / 4.5
- **Major GPA:** 3.76 / 4.5 (Computer Science: 3.9 / 4.5)
- **Courses:** Data Structure (A+), Logic Design (A0), Algorithms Analysis (A0), Computer Architecture and Organization (A0), Operating Systems (A+), Discrete Mathematics (A+), Software Engineering (A+), Capstone Design (A0)

## Projects

### Development of an intelligent creation support system based on AI and distribution service that authenticates original crafts using block chain

Korea Creative Content Agency,  
South Korea

@GIST, SCI Lab

January 2022 February 2023,

- **Technical Skills:** Python, Streamlit, C++, Unity, Git.
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

### Development of Brain- Computer Interface based Mobile Game Application: MindCar Mobile

Handong CSEE Capstone Project,  
South Korea

@Handong Global University, BCI Lab

July 2019 June 2020,

- **Technical Skills:** Unity, C Sharp, Matlab
- **Soft Skills:** Teamwork, Time Management, Communication, Presentation skills.

## Teaching

### Computer Architecture and Organization

UNIST,

Teaching Assistant

South Korea, Fall 2021

- Mark exam and homework

### Computer Architecture and Organization (ECE20021 - 04)

Handong Global University,

Teaching Assistant

South Korea, Fall 2020

- Mark exam and homework

## Skills

**Programming Language** C, C++, C Sharp, JAVA, Python, Assembly Language

**Machine Learning** PyTorch, Tensorflow, Pandas, NumPy, Scikit-learn, etc

## Achievements

|      |  |             |
|------|--|-------------|
| 2021 | <b>850</b> , TOEIC   | South Korea |
| 2020 | <b>343</b> , New TEPS  | South Korea |
| 2020 | <b>Team Leader Scholarship</b> , Handong Global University                   | South Korea |
| 2019 | <b>Kyungwon Culture Foundation Scholarship</b> , Kyungwon Culture Foundation | South Korea |

## Publications

### DOMESTIC CONFERENCE

Knowledge Graph based craft information search system development and usability research

H. Kim J. Kim and: W. Kang and: J. Hong

*Korea Computer Congress 2022, 2022, Jeju Island, South Korea*

Brain-Computer Interface based mobile car racing game

H. Kim Y. Shin and: M. Ahn

*PROCEEDINGS OF HCI KOREA 2020, 2020, Kangwon, South Korea*

## Interests

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**Deep Learning Learning, Human Computer Interaction, Computer Vision**

## Languages

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**korean** Native proficiency  
**English** Professional proficiency  
**Chinese** Intermediate

**References available upon request.**