

# Daero Kim

SITE SELECTION · SITE RECOMMENDATION

College of Engineering Building No. 1, 4th floor, Data Science Lab, Dong-A University, Busan, S. Korea

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“Always do not lose trust.”

## Education

### DAU(Dong-A University)

BACHELOR. IN COMPUTER ENGINEERING

- Computer Engineering
- Machine Learning
- Data-analysis

Busan, S. Korea

Oct. 2022 - PRESENT

## Skills

**Programming** Python, C/C++, JAVA, LaTeX

**Web** HTML5

**Languages** Korean, English

## Ongoing Work

### Learning scheduling system for carbon-friendly deep learning model learning

UNDERGRADUATE

- Project planning, data preprocessing, model development
- Learning scheduling of deep learning models with real-time monitoring of power and carbon emissions

Sept. 2023 - PRESENT

### Bayesian Network Based Open Source Framework for Multi Criteria Decision

#### Making using Open Data

2ND AUTHOR

- data preprocessing, model development, experiments
- Probabilistic graphical model framework for multi-factor decision making

Oct. 2022 - PRESENT

## Publications

### Location Intelligence Application for Finding Optimal Sites of Green-Car Charging Stations Using Bayesian Networks

JUNGHYUN PARK, DAERO KIM, AYOUNG KIM, JINYOUNG CHOI, JUNGKYU HAN, SEJIN CHUN

- 2022 the Fall Conference of the Korea Multimedia Society

May. 2021

### Finding optimal locations of senior centers in Busan metropolitan city using GIS and open data

JUNGHYUN PARK, DAERO KIM, JUNGKYU HAN, SEJIN CHUN

- 2022 the Spring Conference of the Korea Multimedia Society.

May. 2021

### Recursive inference for individual's identification in video data based on the description

DEARO KIM, JIYOUN LIM, JEONGWOO SON, AND NAMKYUNG LEE

- ICTC 2023: International Conference on Information and Communication Technology Convergence 2023.

Oct. 2023

## Extracurricular Activity

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### DSL(Data Science Labs)

UNGRADUATE RESEARCH INTERN

*S.Korea*

*Oct. 2022 - PRESENT*

- Participated in 2021 DAU DevDay SW exhibition.
- Participated in 2022 MOTIE Open Data-Based Business Idea Competition

### 2021 DAU DevDay SW exhibition

*Busan, S.Korea*

PARTICIPANT

*Dec. 2021*

- Finding optimal locations of senior centers in Busan metropolitan city using GIS and open data

### Electronics and Telecommunications Research Institute

#### Dept.Media Intellectualization Research Section

*Daejeon, S.Korea*

RESEARCH TRAINEE

*July.2023 - August.2023*

- Broadcasting company metadata preprocessing
- Creating and optimizing text embeddings
- Development of a globalization model for character recognition through recursive inference

## Honors & Awards

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### DOMESTIC

2022 **Best Paper Award**, Autumn Conference of the Korea Multimedia Society

*Daejeon, S.Korea*

2022 **Korea Eastern Power President Award**, 10th MOTIE Open Data-Based Business Idea Competition

*S.Korea*

2022 **Best Paper Award**, Spring Conference of the Korea Multimedia Society

*Busan, S.Korea*

2021 **1st Award**, Dong-A University DevDay

*Busan, S.Korea*