

# HYEON KYU LEE

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## CAREER

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### Naver Papago Team Internship

*Jan. - Mar. 2022*

Text attribute tagging project.

### SDT inc. Internship

*Sep. - Dec. 2021*

Edge device OCR project.

Analog data pipeline design project.

## AWARD

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### 2021 AI Online Competition

Ministry of Science and ICT

<https://github.com/MINIONS-KR/Legal-Document-Summarization-Competition>

*21 Jun. - 2 Jul. 2021*

- Score: 1 out of 36 teams.
- Details: extractive summarization, BERTSum

### AI Hackathon

Ministry of Science and ICT

<http://ai-competition.kaist.ac.kr/>

*18 Nov. - 10 Dec. 2021*

- Score: 3 out of 13 teams.
- Details: video VQA, Multi-modal, Multiple choice task

### 2nd Computer Vision Learning Competition

DACON

[https://github.com/LeeHyeonKyu/Monthly\\_DACON\\_12](https://github.com/LeeHyeonKyu/Monthly_DACON_12)

*10 Feb. - 8 Mar. 2021*

- Score: 9 out of 215 teams.
- Details: multi-label image classification, docker, efficient-net, image augmentations

## AI PROJECT

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### Fashion Reader Project

Smile Gate AI Memembership

<https://github.com/Fashion-Reader/fashion-reader>

*1 Aug. - 25 Nov. 2021*

- Result: Excellent project selection and complete application.
- Details: VQA, Question intent classification, Django BE, training data processing

### 2022 AI Online Competition

Ministry of Science and ICT

[https://github.com/LeeHyeonKyu/aichall\\_2022\\_mrc](https://github.com/LeeHyeonKyu/aichall_2022_mrc)

*7 - 21 Jun. 2022*

- Score: 4 out of 26 teams.
- Details: augmentation with KoGPT, joint loss function, predict with token distance distribution

### Deep Knowledge Tracing

NAVER CONNECT

<https://github.com/bcaitech1/p4-dkt-team-ikyoo>

*24 May. - 15 Jun. 2021*

- Score: 6 out of 15 teams.
- Details: model customizing, causal convolution, lgbm, attention layer customizing, feature engineering, multi task learning

## Open Domain Question Answering

<https://github.com/bcaitech1/p3-mrc-team-ikyo>

NAVER CONNECT  
26 Apr. - 20 May. 2021

- Score: 1 out of 9 teams.
- Details: model customizing, attention layer customizing, pseudo labeling, multi task learning, elastic search, sentence transformer, DPR

## Entity Relation Extraction

<https://github.com/bcaitech1/p2-klue-LeeHyeonKyu>

NAVER CONNECT  
12 - 22 Apr. 2021

- Score: 1 out of 135 people.
- Details: classify layer customizing, implement R-BERT, HuggingFace, back translation, random masking, adaptive bias, loss function customizing

## Mask Wear Status Classification

<https://github.com/bcaitech1/p1-img-LeeHyeonKyu>

NAVER CONNECT  
29 Mar. - 8 Apr. 2021

- Score: 11 out of 224 people.
- Details: build baseline, managing experiments, loss function customizing, augmentations, data cleansing

## EDUCATION & EXTRACURRICULAR

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### Naver Boostcamp - AI Tech

Jan. - Jun. 2021

AI engineer training course at the Naver Connect Foundation.

This course consists of PyTorch, Mathematics, NLP, CV, Graph, Light Weight, etc.

### Acorn Academy - Big Data Analyst Course

May. - Nov. 2020

Big data analyst training course at the Acorn group.

This course consists of SQL, DB, Python, Java, R, Statistics, ML, etc.

### Kangnam University

Feb. 2012 - Mar. 2017

Major in philosophy.

Major GPA: 4.03/4.5

Received award for merit in accordance with school development.

2017

Completion of the teaching course.

2017

The student president of the ROTC candidates.

2016-2

Received university scholarship for grades.

2015-1

The student president of the major class.

2014

## CERTIFICATES

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### Advanced Data Analytics Semi-Professional (ADsP)

Dec. 2020

Korea Data Industry Promotion Institute

### SQL Developer (SQLD)

Sep. 2020

Korea Data Industry Promotion Institute

## SKILLS

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### Computer Languages

Python, Java, R

### DL & ML

PyTorch, TensorFlow, HuggingFace, MMDetection

### Data Handling

SQL, RDB, Influx DB, Pandas, NumPy, Matplotlib

### Data Processing

FFmpeg, MQTT, RTSP, ModBus

### ETC

Linux, WSL, Django

## MILITARY SERVICE

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### **Republic of Korea Army ROTC**

TI&E Officer, 1st Division

*Mar. 2017 - Jun. 2019*

*Jun. 2017 - Jun. 2019*

Commendation for Outstanding Instructor Merit (Division commander level)

*Dec. 2018*

Commendation for Outstanding Instructor Merit (Legion commander level)

*Jun. 2018*

Commendation for Outstanding Instructor Merit (Division commander level)

*Nov. 2017*