

HYEON KYU LEE

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CAREER

Allganize Korea

Jul. 2022 -

AI Engineering and Researching.
Development of document storage and retrieval pipelines.
Development of MRC Systems.

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

2022 AI Online Competition

Ministry of Science and ICT

https://github.com/LeeHyeonKyu/aichall_2022_mrc

7 - 21 Jun. 2022

- Score: 4 out of 54 teams.
- Details: augmentation with KoGPT, token joint prediction

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

10 Feb. - 8 Mar. 2021

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

AI PROJECT

Fashion Reader Project

Smile Gate AI Membership

<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

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

Deep Knowledge Tracing

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

NAVER CONNECT
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

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

Naver Boostcamp - AI Tech 1st.

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

Advanced Data Analytics Semi-Professional (ADsP)

Dec. 2020

Korea Data Industry Promotion Institute

SQL Developer (SQLD)

Sep. 2020

Korea Data Industry Promotion Institute

SKILLS

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, AWS, Django, Elasticsearch

MILITARY SERVICE

Republic of Korea Army ROTC	<i>Mar. 2017 - Jun. 2019</i>
TI&E Officer, 1st Division	<i>Jun. 2017 - Jun. 2019</i>
Commendation for Outstanding Instructor Merit (Division commander level)	<i>Dec. 2018</i>
Commendation for Outstanding Instructor Merit (Legion commander level)	<i>Jun. 2018</i>
Commendation for Outstanding Instructor Merit (Division commander level)	<i>Nov. 2017</i>