

BOYOON JANG

AI Engineer

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EDUCATION

B.A. in Visual Information Design

Kyung Hee University

Mar 2011 – Feb 2016

EXPERIENCE

Boostcamp AI Tech

Jan 2021 – Jun 2021 Naver Connect, Upstage

- Studied the fundamental knowledge in deep learning through participating private competitions related to in-demand NLP task.
- In the process, reviewed and modified the latest state-of-the-art approaches to fit our environment.

Apache Spark Basic Camp

Mar 2021 – Jun 2021 Fast Campus

- Learned basic operating mechanisms of distributed and parallel processing for big data in a cluster environment.

Data Science School

Aug 2018 – Jul 2019 Fast Campus

- Studied math and programming skills and carried out machine learning and NLP projects monthly.

CAREER

Enssel

Smart Factory Solution

AI Researcher

Aug 2019 – Dec 2019 Bundang-gu

- Implemented image quality failure classification of camera module and developed object detection using OpenCV.
- Developed a solution utilizing linear regression method which minimizes variance and at the same time maximizes yields of finished products.
- Utilizing time series log data of aircraft parts cutting process, implemented quality failure classification.
- Developed image classification program with C and mounted customizable CNN architecture and the processor.

SKILLS

Python

PyTorch/Keras/Huggingface



MySQL

PySpark

HTML/CSS

JS

C#

PROJECTS

Open Domain Question Answering(ODQA)

Apr 2021 – May 2021 Naver Boostcamp AI Tech

- In a ODQA task, developed a retriever-reader model using documents from diverse topics.
- Carried out experiments mainly on data-centric modeling. Utilizing question type NER tag, implemented conditional extractive reader model.
- Through compressing reader model, implemented a chat-bot web service.

Relation Extraction

Mar 2021 – Apr 2021 NaverBoostcampAITech

- Distinguished the relation between two different entities in a given sentence.
- Implemented data augmentation in order to alleviate class imbalance problem and added NER tags to each entity.

Corona Out

Feb 2020 – Apr 2020

- Developed a mobile web application that shows nearby mask inventories by searching the location in real time.
- Implemented Selenium for data crawling and participated in the front-end which mainly uses HTML, CSS and JS.

Sentiment Analysis

May 2019 – Jun 2019

- Utilizing text review dataset, developed sentiment classification model for taste, service and cost-effectiveness.
- Implemented website using Flask, HTML, CSS and JS.

AWARDS

Big Data Competition - 1st Prize

Nov 2020 DOUZONE BIZON, NIA

- Predicted next quarter's sales using past 10 quarters' sales data of small and medium-sized companies.
- Developed a clustering algorithm which categorizes text dataset of accounting books.

OTHER EXPERIENCE

Food and Agriculture Org. of the UN (FAO) - Intern

Feb 2016 – May 2016 Hanoi, Vietnam

UN Environment Programme (UNEP) - Intern

Feb 2013 – Jul 2013 Nairobi, Kenya