

# JoonHong KIM

## PERSONAL DATA

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## WORK EXPERIENCE

Current DECEMBER 2021	Corca, Inc. SEOUL, S.KOREA ML Engineer
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## PROJECTS

DECEMBER 2021	KoDALLE ( <a href="#">github</a> ) In the project, I took the text embedding layer from the pretrained transformer model and attached it to our DALL-E model. Also, I attached KoCLIP to our DALL-E model so that we can use pretrained KoCLIP directly from the image generate function.
NOVEMBER 2021	Open-Domain Question Answering Competition ( <a href="#">github</a> ) I compared the retrieval results using various methods of BM25 series (Okapi BM25, BM25L, BM25+) and DPR. And I improved the results by ensemble the reference results of the 10 models that applied the KFold method in a soft-voting method.
SEPTEMBER 2021	Mask, Age and Gender Classification Competition ( <a href="#">github</a> ) First of all, I chose a good model by applying various models such as ResNet, EfficientNet, and ViT. In the Dataset-related part, I solved the data imbalance problem by cropping only the face with FaceNet, modifying the label a little(Including 59 years old to 60 years old), and performing data aggregation.
JULY 2021	Extracting emotions and song recommendations from Kakao Talk. ( <a href="#">github</a> ) By comparing various transformer models (KoGPT-trinity, KoBERT, KoELECTRA), I selected the KoELECTRA model in terms of f1 score, accuracy, and cost. I uploaded the pretrained model to the django server and connected it to the frontend.

## EDUCATION

FEBRUARY 2022	Bachelor of Engineering in COMPUTER, <b>Hongik University</b> , Seoul Major: Computer Engineering GPA: 3.48/4.5 MAJOR GPA: 3.73/4.5 RELATED MAJORS: ALGORITHMS & ANALYSIS (A+), COMPUTER NETWORK (A+), OPERATING SYSTEMS (Bo), ARTIFICIAL INTELLIGENCE (Ao), SOFTWARE ENGINEERING(Bo), GRADUATION PROJECT (Ao)
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## EXTRA CURRICULAR

DECEMBER 2021	Boostcamp AI-Tech , NAVER CONNECT corp Introduction : Through this education, I have the ability to understand and implement artificial intelligence in general.
OCTOBER 2018	Hello Python , NAVER CONNECT corp Introduction : Through this education, I gained curiosity about artificial intelligence and was able to learn the basics of Python.

## COMPUTER SKILLS

Python3, Pytorch, Tensorflow2(Keras)  
Transformers(huggingface), Django, Librosa, Numpy

## INTERESTS AND ACTIVITIES

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Recommendation Alogrithm, Sequential Data, Lightweight deep learning  
Tennis, Travelling, Piano, Band music