PARK KI BUM

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WHO AM I

- Developer who aims to make everyone's work go well rather than being the main character. Rather than being the mainstay of the project, I feel the greatest sense of achievement from the data and infrastructure that I have built.

- Always I think about which one is better. A developer who tries to find a better way not only in technology but also in relationships with people and in the direction of solving things.

INTERESTS

Recommender System | MLOps | DataEngineering

EDUCATION

Inha University   2019.03 - 2023.02 (Expected)
- Bachelor of Engineering - Computer Science Engineering
- Bachelor of Information Analysis (Interdisciplinary major with Statistics)   *3.88 / 4.5 (Current)*

BoostCamp AI Tech 3rd, NAVER   2022.01 - 2022.06
- RecSys Track

Machine Learning Engineering for Production (MLOps Specialization)
- *Coursera* : Certification

SKILLS

Skillfull	PyTorch, Python, C++
Normal	Recommender System, Linux,
Experience	Tensorflow, GCP, MySQL, docker

COMPETITIONS

CLOVA AI Rush 2021, NAVER   2021.05 - 2021.07
Round 1 - 13rd (Abuse detection through user keyboard, mouse logs)
Round 2 - 9th (Music recommendation using play logs and metadta)

TEACHING

Head Teaching Assistant , Inha University   2021.03 - Current
- Computer Science Engineering TA Management
- Lecture material production and lecture Q&A
GED6003 : Computational Thinking and Data Analytics for Beginners
GED6004 : Block Programming and Basic Artificial Intelligence
AIE1002 : Object-Oriented Programming 2 (2021.09 - 12)

Teaching Assistant , Inha University   2020.09 - 2020.12
- Lecture Q&A
GEG3073 : Creative Thinking and Software
GEG3074 : Creative Thinking and Advanced Software

PROJECTS

1. BoostCamp AI Tech 3rd
Image Classification: Mask Image Classification Competition

2022.01 - 2022.06

2022.02.23 - 03.03

- **Skills**: Python | PyTorch
- **Github**: https://github.com/cow-coding/boostcamp-3rd-level1-image-classification
- **Major Role**

  - **Data EDA**
    Data EDA and share the data distribution analysis result. Age distribution is skewed, change the criteia of age class and used this method to improve the model performance.
  - **Baseline code and training pipeline development**
    By quickly developing baseline code and sharing it with the team, the team members were able to train the model smoothly. Developed a training pipeline that can conduct experiments by freely setting various models and hyperparameters.

Movie Recommendation: Movie recommendation competition using implicit feedback data   2022.03.21 - 04.14
- **Skills**: Python | PyTorch | Recommender System
- **Github**: https://github.com/cow-coding/boostcamp-3rd-level2-movie-recommendation
- **Major Role**

  - **Data EDA**
  - **Recommendation model training pipeline development**
    Developed various kinds of recommendation model learning pipelines. Converting codes written in the Jupyter Notebook into python IDE format. In this process, modified the python library code based on the old version according to the latest version.
  - **Code Refactoring**
    Refactoring the interference code reduced the interference time from 3 minutes to 1 minute.

2. Database Project : V.O.T.E
Web Services for Election and politicians' infomtion Using Public Data

2021.03 - 2021.06

- **Skills**: Python | Node.js | MySQL | GCP
- **Github**: https://github.com/cow-coding/V.O.T.E
- **Major Role**

  - **Team Lead**
  - **Data ETL Pipeline development**
    Developed a pipeline that calls API to get raw data, transform it, and load it in a database on GCP.
  - **Data communication API development**
    Developed the API that to get data from the database for the user's request.

3. Medipush
Medication information Service (App+Web) (Patients/Pharmacist)

2020.08 - 2020.10

- **Skills**: Python | MongoDB | AWS
- **Github**: https://github.com/cow-coding/Medipush_Crawling_Database | https://github.com/Medipush
- **Major Role**

  - **Team Lead**
  - **Data ETL pipeline development and management**
    Developed the data pipeline that get medicine data, transform it, and load it in a database in AWS. And manage database, pipeline code.