Jun Yeop Na

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SUMMARY

Senior Machine Learning Engineer with expertise in building and tuning scalable machine learning solutions using Python, Scala, Sql, and Spark. Built real-time machine learning models for various projects at Naver Maps such as Estimating Time of Arrival(ETA), Indoor WIFI Positioning and Road Scene Object Detection.

SKILLS

Python, Scala, Rust, Go, MySQL, Spark, Airflow, Numpy, Pandas, Scikit-learn, Tensorflow, Pytorch, Computer Vision, Clustering, Regression, Classification, Statistical Analysis, Tableau, Git, Unit Testing

WORK EXPERIENCE

Naver   **Jul 2020-Present**
Senior Machine Learning Engineer   *Office*

- Spearheaded the development of Naver Map's first real-time Deep Learning Model for estimating the time of arrival for car routes. Improved MAPE compared to existing heuristic algorithm by 3%p.
- Developed a Machine Learning Model for estimating the time of arrival for various transportation services. Improved MAPE compared to existing heuristic algorithm by 2%p.
- Led the development of a Machine Learning Model for predicting real-time location of users in indoor environments using WIFI, which was used for Naver Map's public transportation navigation service.
- Spearheaded the development of Naver Map's Road Scene Object Detection model with good few-shot learning capabilities. Achieved KPI mAP50 of 95% for 104 different labels.
- Spearheaded the development of an AI Agent system for automating customer feedback processing cycle using LangGraph and RAG.

EDUCATION

Seoul National University   **Mar 2014- Jul 2020**
Bachelor of Computer Science   *3.77/4.3 GPA*

SIDE PROJECTS

FFXIV Simhelper   ffxivsimhelper.com, github.com/flyxiv/ffxiv_simhelper
- DPS simulation tool for Final Fantasy XIV used by hundreds of users. Designed the whole system: reinforcement learning algorithm/Rust backend/React frontend.

Software Without Borders Project 279
- Joined as a Data Engineer volunteer. Helped an environmental organization in Brazil(IPÊ) deal with problems they were facing with Dropbox storage system by designing a Google Cloud DataLake prototype.

LANGUAGE

Korean   Native
English   Fluent (TOEFL iBT 102/120)