

Junho Hong

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EDUCATION

Kookmin University, Seoul, South Korea

2014 - 2021

Bachelor of Science in Electrical Engineering

EXPERIENCE

Kakao Enterprise Corp., South Korea

January 2022 - Present

Machine Learning Engineer

- Knowledge Graph AI Team

<https://kg.kakaoi.ai/>

PROJECTS

OASYS @ Kakao Enterprise Corp.

Domain-Agnostic Automated System for Constructing Knowledge Base from Unstructured Text

<https://kakaenterprise.github.io/papers/sigkdd-oasys>

- Developed Auto-Training System for the Domain-Agnostic
- Developed ML Pipeline for Knowledge Graph Inference

KakaoWork Personalized Ranking System @ Kakao Enterprise Corp.

<https://www.kakaowork.com/about/task>

- Developed ML Pipeline for calculating ranking score
- Reduced Memory Usage for calculating ranking score: increased the maximum number of user in each organization
 - Reduced Memory Usage from 50+ GBytes to 80+ MBytes for each Process(There were 625M {User-to-User: Score} Entries in that organization)

TECHNICAL STRENGTH

Area: MLOps, Parallel Processing, NLP, Knowledge Graph, Computer Vision, Computer Graphics

Tool: Python, C/C++, Linux, Pytorch, Docker, Kubernetes, Kubeflow, DirectX

LANGUAGE PROFICIENCY

Korean: Native

English: Fluent

Japanese: Conversational