# 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, of Daum Kakao Search

## PROJECTS

**OASYS @ Kakao Enterprise Corp.**

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

https://kakaoenterprise.github.io/papers/sigkdd-oasys

- Developed ML Training System for the Domain-Agnostic that features in Oasys

- Developed ML Pipeline for Knowledge Graph Inference

- Improved ML Model Performance for Named Entity Recognition and Entity Linking

**KakaoWork Personalized Ranking System @ Kakao Enterprise Corp.**

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

- Developed ML Pipeline for calculating ranking score

- Improved Throughput for calculating ranking score

- Reduced Memory Usage for calculating ranking score

    - Increased the maximum number of user that could be calculated in each orgnization

## TECHNICAL STRENGTH

**Area**: MLOps, Parallel Processing, NLP, Knowledge Graph

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

## LANGUAGE PROFICIENCY

**Korean**: Native
**English**: Fluent
**Japanese**: Conversational