

Won seok Son

KEYWORD : TABULAR DATA ANALYSIS, LLM, KNOWLEDGE GRAPH

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Education

Computer Engineering

DONG-A UNIVERSITY (DAU)

Busan, S.Korea

Skills

Programming Language Python, C/C++, JAVA, Kotlin

SW Dev React Native

Data Analysis Skill MySQL, FireBase, MongoDB, Neo4j

Platforms Git, Aura, Atlas

Research Experience

DAU Data Science Labs – Undergraduate Research Intern

CONDUCTING AND ASSISTING RESEARCH WITH PROF. JUNGKYU HAN AND PROF. SEJIN CHUN

Busan, S.Korea

Nov 2022 - PRESENT

Professional Training

Fundamentals of Accelerated Computing with CUDA C/C++

CONTENTS

- Accelerating Applications with CUDA C/C++
- Managing Accelerated Application Memory with CUDA Unified Memory and nvprof
- Asynchronous Streaming, and Visual Profiling for Accelerated Applications with CUDA C/C++

Busan, S.Korea

25 May 2022

AI Big Data Practical Training using Python

CONTENTS

- Practical training in deep learning-based computer vision and knowledge graph-based data analysis
- Training in knowledge graph theory and practice
- Deep learning basic principles and learning/decision algorithms

Busan, S.Korea

Jun. 2023 - Aug. 2023

Project Experience

TD2KG - A system that predicts the concept of data in table format

DETAIL

- A System that recognizes real objects in tabular data.
- In the table, one cell, one column, and the relationship between two columns were added with Annotation through Knowledge Graph Matching.

Dec. 2022 - Feb. 2023

BalanceUp - Company life balance recommendation system for job recommendation and recommended job based on resume

DETAIL

- The system recommends job recommendations based on resumes and the company's life balance for recommended jobs.
- Based on the recommended company's travel time by foot, Radarchart, a map of facilities nearby the company, and AI-based life balance evaluation of the company.

May. 2023 - Aug. 2023

Honors & Awards

DOMESTIC

2023 **Excellence Award**, Employment and Labor Public Data Utilization Contest

Seoul, S.Korea

References

Prof. Jungkyu Han

INTRODUCTION

- Professor at DAU, Dept. of Computer Science and Artificial Intelligence, Email: jkhan@dau.ac.kr

Prof. Sejin Chun

INTRODUCTION

- Professor at DAU, Dept. of Computer Science and Artificial Intelligence, Email: sjchun@dau.ac.kr