

Kim Donghae (14.08.2000)
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### Skills

Python

Java

SQL

LLM

Mining

#### Certifications

2024 ADSP (Advanced Data Science Professional) 2024 Big Data Analysis Engineer (Written Exam Passed)

(Practical Exam Expected in November)

### **Research Interests**

Strategic Management Automation Al Management Consumer Behavior Research Decision-Making in LLM Models

## **Professional Experience**

September 2020 - May 2021, Baekdu Electric Co., Ltd.

Developed a bid price prediction model Automated web crawling and visualization tools for the ElectricNet website Managed Linux servers

# Al Management Specialist Donghae Kim

I am Donghae Kim, and I firmly believe that for our country to remain a strong global player, we must provide meticulously developed strategic management automation platforms, especially focusing on export-oriented small and medium-sized enterprises (SMEs). I am passionate about researching and advancing knowledge across various fields necessary for developing such platforms. My goal is to create my own methodology and proceed with a business that embodies this vision.

#### **Education**

Keimyung University (Expected Graduation: February 2025)

Major: Management Information Systems Double Major: Business Data Analytics

### **Extracurricular Activities**

# 1. 2023 Korean Society of Information Technology Students Paper Competition (September 2023)

Bronze Prize (3rd Place)

Title: "Perception and Opportunity Analysis of Traditional Banks and Internet-Only Banks Using Text Mining: Based on Reviews of Traditional Banks and Internet-Only Banks"

# 2. Digital Talent Development Project, 2nd Cohort It's DGB, IM Challenger (August 2023 - May 2024)

Excellence Award (3rd Place), Special Employment Privilege at DGB Financial Group Semifinals: Generated alternative credit ratings using an alternative credit assessment model and improved UX with a chatbot utilizing generative AI Final Round: Developed DGB CAS, an automated customer experience analysis

program

3. Dacon Wallpaper Defect Chatbot Development (January 2024)

Final Rank: 39th out of 557 teams

Optimized computing resources for fine-tuning using the Lora technique and increased creativity in response generation with the DPO dataset

# 4. Daegu Road Management System Data Integration Idea Discovery Hackathon (July 2024 - september 2024)

3rd Place Award

Developed an automated optimization and visualization of a pothole occurrence probability prediction model for each grid using MLops.

#### 5. 2024 Academic Research (January 2024 - October 2024)

The Impact of Generative Al-Summary Reviews on User Decision-Making: Overcoming Bounded Rationality

Submitted a paper to the Korea Society of Management Information Systems 2024 Fall Conference.

# **On-Campus Activities**

#### 1. 2023 1st Analysis Competition (April 2023)

Grand Prize (1st Place)

Title: "Prediction of IPO Initial Price Increase by 100% on Listing Day - Focusing on Precision"

## 2. 2023 2nd Case Analysis Presentation Competition (October 2023)

Excellence Award (2nd Place)

Title: "Classification of Sound/Unsound Companies Using Corporate Credit Rating Data - Focusing on Performance Comparison by Scaling Methods"

#### 3. 2024 1st Analysis Competition (April 2024)

Excellence Award (2nd Place)

Title: "Book Recommendation System Based on Ratings - Focusing on Recommendation and Performance Comparison through Regression Models"

# 4. SCALA Research Support Program & 2024 International Area Studies Poster Paper Competition (May 2024 - July 2024)

Selected for Program and Bronze Prize

Title: "Analysis of South Korea's Healthcare Status and Future Opportunities Using Big Data Analysis and DCX Methodology: Based on Social Data from Major OECD Countries"