**Education**

* Keimyung University
* Major: Management Information Systems
* Double Major: Business Data Analysis
* Expected Graduation: February 2025

**Research Interests**

* LLM
* Technology Management
* AI Management
* Data Science

**Introduction**

My name is Donghae Kim, and I believe that for our country to remain a strong nation, it is essential to provide meticulously developed strategic management automation platforms centered around export-oriented SMEs. I aim to develop my own methodology by researching and advancing knowledge in various fields necessary for developing strategic management automation platforms, and eventually proceed with my own business.

**Major Activities**

**1. Work Experience**

**Baekdu Power Co., Ltd. (September 2020 – May 2021)**

* Developed a bid price prediction model through data analysis
* Automated web crawling and visualization tool development for the ElectricNet website
* Managed Linux servers

**BigWave AI (July 2024 – Present, Contract)**

* Analyzed vulnerable areas for vector-borne diseases in Daegu (outsourced by Daegu City) -> Developed visualization tools, created a model for predicting quarantine-related complaints, and produced an analysis report

**2. Extracurricular Activities**

**2023 Korea Information Technology Association Undergraduate Paper Competition (September 2023)**

* **Bronze Award**
* Analysis of perceptions and opportunities regarding commercial banks and internet-only banks using text mining: Based on reviews of commercial banks and internet-only banks

**Digital Talent Training Project 2nd Batch It's DGB, IM Challenger (August 2023 – May 2024)**

* **Excellence Award 3rd place, Special Employment Privileges with DGB Financial Group**
* Semifinals: Created alternative credit scores using alternative credit evaluation models and improved UX with a chatbot utilizing generative AI
* Final round: Developed DGB CAS, an automated customer experience analysis program

**Dacon Wallpaper Defect Chatbot Development Competition (June 2024)**

* Ranked 39th out of 557 teams
* Optimized required computing resources for fine-tuning using the LoRA technique and increased creativity in responses using the DPO dataset

**Daegu Road Management System Data Linkage Idea Discovery Hackathon (July 2024 – Present)**

* **Finalist, Top 5 teams in the finals, currently ongoing**
* Developed a model for predicting pothole occurrence probability per grid using MLops for automatic optimization and visualization

**Preparing for the 2024 Academic Contest (January 2024 – Present)**

**3. Campus Activities**

**1st Data Analysis Contest (April 2023)**

* **Grand Prize 1st place**
* Predicted a 100% increase in IPO initial prices on listing day – focused on precision

**2nd Case Analysis Presentation Competition (October 2023)**

* **Excellence Award 2nd place**
* Classified excellent/poor companies using corporate credit rating data – focused on performance comparison according to scaling methods

**1st Data Analysis Contest (April 2024)**

* **Excellence Award 2nd place**
* Developed a rating-based book recommendation system – focused on recommendation and performance comparison through regression models

**1st Semester Scholar Paper Support Program and 2024 International Regional Studies Poster Paper Competition**

* **Selected for the program and won Bronze**
* Analyzed the current status and future opportunities of Korean healthcare through big data analysis and the DCX methodology: Based on social data from major OECD countries

**4. Gyeolchoboeun Big Data Analysis Academic Club (Non-profit Organization)**

**January 2023 – Present**

* Contributed to the conversion into a non-profit organization
* Served consecutively as Treasurer and Vice President
* Conducted training for new members

**5. Certifications**

ADSP, Big Data Analysis Engineer (expected to obtain in November, written and practical)