

Yoon Kyu Woo

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EDUCATION

Mar. 2016 ~ Feb. 2024	Korea University School of Industrial Management Engineering <i>B.S. in Industrial Management Engineering</i> GPA: 3.07 / 4.5	Seoul, Korea
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RESEARCH INTERESTS

- Natural language generation
- Natural language understanding
- sLLM, Fine-tuning; QLoRA, LoRA
- RAG (Retrieval-Augmented Generation)

SKILLS AND TECHNIQUES

- **Programming Skills** : Python, R, SQL
- **Language Skills** : English; TEPS Score 382 (High Intermediate Level)

CERTIFICATED & PROJECTS

- Development of patent natural language search system and patent-specific sLLM model, Korea University Intelligent Information SW Academy, Korea (Sep. 2023 ~ Dec. 2023)
- 4th DAB Competition, Development of a personalized work environment recommendation system, Korea University Business School CDTB(Centor for Digital Transformation & Business), Korea (Jul. 2023 ~ Nov. 2023)
- 3rd KUIAIA Hackathon, Development of Fashion Recommendation System by using Instagram Photo & Text review, Korea University, Department of Industrial management engineering, Korea (Jan. 2023 ~ Jan. 2023)
- Capstone Design, 'Franchise distribution using blockchain and machine learning' patent analysis by using text data, Korea University, Department of Industrial management engineering, Korea (Sep. 2022 ~ Dec. 2022)
- Data Youth Campus, Development of a sign language translation model, Korea Data Agency (K-DATA), Korea (Jul. 2022 ~ Aug. 2022)

- 2nd KUIAI Hackathon, Development of commercial location scoring model, Department of Industrial management engineering, Korea (Jan. 2022 ~ Jan. 2022)
- Big data analysis and utilization, Korea University Engineering Innovation Center, Korea (Jul. 2019 ~ Aug. 2019)

AWARDS AND HONORS

- National Information Society Agency (NIA) Director's Award; 2nd Awards, Korea University Intelligent Information SW Academy, Korea (Dec. 2023)
- DAB (Data Analytics for Business) 2nd Awards, Korea University, Business School CDTB(Centor for Digital Transformation & Business), Korea (Nov. 2023)
- Artificial Intelligence and Intellectual Property (IMEN256) Capstone 1st Award, Korea University, Department of Industrial management engineering, Korea (Feb. 2023)