

JIHOON HAN

AI APPLICATION & DATA ENGINEER



CONTACT

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Suwon, South Korea

[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

SKILLS

- Programming: Python, SQL
- AI / ML: LLM, RAG, NLP, Prompt Engineering
- Data: Pandas, NumPy, Jupyter Notebook, Excel
- Frameworks / Tools: LangChain, Flask, Git, GitHub

LANGUAGES

- Korean: Native
- English: Full Professional Proficiency (OPIc AL / lived in the U.S. for 4.5 years during childhood)

CERTIFICATIONS

OPIc – Advanced Low

- ACTFL, Nov 2025

SQL Developer (SQLD)

- Korea Data Agency, Jun 2026

Advanced Data Analytics Semi-Professional (ADsP)

- Korea Data Agency, Jun 2026



PROFILE

Software engineer specializing in data science, with hands-on experience building AI applications using NLP, LLM/RAG, and machine learning. Experienced in data preparation, model development, AI service implementation, and Python-based data pipelines. Developed award-winning AI systems presented at major Korean computer science conferences, and improved production data workflows through a Digital Sales internship at AB InBev Korea.



WORK EXPERIENCE

[AB InBev Korea](#)

Jan 2026 - Feb 2026

Digital Sales Intern, BEES T&A

- Supported the cleansing, validation, and system loading of order data from 400+ wholesalers, standardizing product names and item codes.
- Automated checks for missing records, duplicates, incorrect reporting periods, and invalid item codes using Python, SQL and Excel.
- Proposed and implemented a CSV-based workflow by revising multiple input and output stages, reducing processing time while maintaining data integrity.



PROJECTS

TermCorrector

Sep 2024 - Jun 2025

Domain-Specific STT Error Correction System

- Developed and evaluated a FastText + MLP model to correct misrecognized domain-specific English terms in lecture transcripts using course materials and contextual information.
- Integrated Whisper STT, Kiwi, Wtpsplit, Flask, and document-highlighting features into an end-to-end web service.
- [Best Paper Award\(KCC 2025 Undergraduate/Junior Paper Competition\)](#)

SeeCode

Dec 2024 - Nov 2025

AI-Powered Mobile Accessibility Diagnosis System

- Developed a VS Code extension that detects accessibility issues in Flutter applications by analyzing source code, Android UI hierarchy data, and captured screen images.
- Applied vision AI/LLM-based contextual analysis to identify unlabeled icon buttons that could not be evaluated using UI structure data alone.
- [Honorable Mention\(KSC 2025 Undergraduate/Junior Paper Competition\)](#)



EDUCATION

Bachelor of Science in Software Convergence

Mar 2020 - Feb 2027

[Kyung Hee University](#)

(Expected)

GPA: 4.21/4.5