

Hanwool Kim

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RESEARCH INTERESTS

My research goal is to automate and enhance the data analysis process by integrating Artificial Intelligence with existing traditional methods. Additionally, I am interested in more efficient data storage methods and protecting user privacy in data analysis.

EDUCATION

Yonsei University, Seoul, BS in Computer Science

Mar 2019 – Feb 2026

- GPA: 3.63/4.3
- **Coursework:** Data Structures, Operating Systems, System Programming, Automata and Formal Languages (Computer) System, Architecture, Vision, Network, Graphics, Securities
- **Awards:** Academic Excellence Award (2019)

WORK EXPERIENCE

Data Analyst, MODHAUS – Seoul

Sep 2023 – Aug 2024

- Responsible for overall data analysis process, including log design, data pipeline construction, data dashboard design, and data processing using SQL and Python
- Led several projects to enhance data-driven decision-makings in the company
- Also took on the role of Junior Product Owner and planned new features for the app, COSMO

PROJECTS

CEO, Team Rhyffle – Seoul

Mar 2025 – Present

- Organized 'Team Rhyffle', a startup business of game development with 10 founders
- Developing 'Rhyffle', a tactical rhythm card game. Now under development, and planning to release closed beta version end of this year
- Responsible for conceptualizing all game concepts and systems, as well as handling backend development and AI-based artwork

Product Manager, CREAI+IT – Seoul

Sep 2024 – Dec 2024

- Developed 'jjukkumi', a fashion platform based on users' SNS data.
- As the role of PM and project leader, planned the overall service and managed entire workflow
- Integrated SNS APIs (twitter, instagram) with database to analyze users' preferences and utilize the user model to recommend fashion items.

Backend Engineer, YonseiTradingBot – Seoul

Dec 2020 – May 2023

- Developed 'YTB', an Ethereum-based cryptocurrency autotrading bot. Maintained the live service for 18 months
- Responsible for developing the trading algorithm and backtesting logic
- Integrated Binance APIs to establish periodic trades based on fine-tuned algorithms with users' configurations

EXTRACURRICULAR ACTIVITIES

Member, Leader, Y-BRO – Seoul

Mar 2019 – Dec 2024

- Worked as a member of Y-BRO, a hip-hop circle of Yonsei University

Gamer, Supporter, FDG – Seoul

Aug 2021 – Sep 2021

- Participated in the online Yonsei-Korea University Games as the leader of Team FDG, the League of Legends team representing Yonsei University

LANGUAGES

Native Korean speaker, fluent in English

SKILLS

Languages & Frameworks: Python, C++ , C, Java, SQL, HTML, CSS, JavaScript

Backend & Platforms: MySQL, Node.js, Firebase

DevOps & Tools: Docker, AWS, Git, Slack, Notion, Jira, Linear