Jungmook Kang

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Tistory: mookmath.tistory.com

Education

- **Yonsei University**, Seoul, Korea
  Senior @ Dept. of Applied Statistics
  GPA: 4.16/4.3 (Overall), 4.24/4.3 (Statistics)

Research Interests

– Statistical Machine Learning

– Large Language Model

– Retrieval Method

Research Experience

- **Undergraduate Researcher**, ITML @ Yonsei   Jan. 2025 – Jun. 2025

    – Conducting undergraduate research under the supervision of Prof. Jy-yong Sohn.
    – Engaged in ongoing projects related to RAG
    – A bunch of paper reviews
    – Lab website: `https://itml.yonsei.ac.kr/home`

Skills

- **Programming:** R, Python, Frontend, Git, MATLAB

- **Mathematical Backgrounds**

- **Languages:** Korean (Native), English (Intermediate), Chinese (Beginner)

Projects

- **Legent**   June 2025

    – Contributed to the development of an AI-powered traffic accident legal analysis.
    – Responsible for prompt engineering and front-end development.
    – Project repository: `https://github.com/YBIGTA/26th-conference-Legent`

- **Boheommian Rhapsody**   Apr. 2025
    - Developed an AI-driven insurance agent simulator leveraging multi-agent communication and customer profiling.
    - Responsible for prompt engineering.
    - AGI Agent Hackathon Grand Prize Winner
    - Project repository: `https://github.com/Mookjsi/boheommian_rhapsody`
- **Momugo**   Feb. 2025
    - Led a team to develop a personalized restaurant recommendation service using collaborative filtering and RAG.
    - Responsible for RAG pipeline, back-end development.
    - Project repository: `https://github.com/YBIGTA/26th-project-JeMeChu`

Extracurricular Activities

- **YBIGTA** (Big Data Society) – DS Team Member   Mar. 2025 – Present
- **YBIGTA** (Big Data Society) – Newbie Project Team Leader   Jan. 2025 – Feb. 2025
- **SVAN** (Rock Band)   2024 – Present
- **LEO** (Law Society, Team Leader)   2023 – 2024
- **TORQ** (Vice President, Rock Band)   2022 – 2023

Work Experience

- **Regression Analysis Online Instructor**, Yonsei University   Aug. 2024 – Feb. 2025

Awards and Scholarships

- Grand Prize, AGI Agent Hackathon   Apr. 2025
- Best Academic Achievement Award, Yonsei University   Feb. 2024; Feb. 2025
- Yonsei Premium Online Lecture Scholarship, Yonsei University   Feb. 2025
- Academic Excellence Scholarship, Yonsei University   Jun. 2024; Dec. 2024
- Undergraduate Tutor Scholarship, Yonsei University   Aug. 2024