Kyochul Jang

Seoul National University (SNU) ☏ +82 10-9418-0574 ⊙ github.com/OfficerChul
⊙ kyochul.com ✉ kyochul@snu.ac.kr 🔗 linkedin.com/in/kyochul-jang

Education

Purdue University	Graduation: Fall 2023
Bachelor of Science in Computer Science (CGPA: 3.71 / 4.00)	*West Lafayette, Indiana*
Seoul National University	Graduation: Spring 2026
Master of Science in Artificial Intelligence (CGPA: 4.18 / 4.30)	*Seoul, Korea*

Publications

i) **Jang, K.**, Lee, D., Kim, K., Heo, D., Lee, T., Kim, W., Suh, B. (2025). DICE-BENCH: Evaluating the Tool-Use Capabilities of Large Language Models in Multi-Round, Multi-Party Dialogues. *ACL 2025 Findings*. https://snuhcc.github.io/DICE-Bench/

ii) Lee, D., Song, M., Kim, C., **Jang, K.**, Kim, H., Kang, J. (2025). ComPLUG: Efficient Multilingual Medical Reasoning via Compressed Pivot Language-guided Generation. *AAAI 2025* (Under Review).

iii) Lee, J., **Jang, K.**, Sparkling, A. E., Kang, K. (2025). Large Language Model-based Construction Site Management for Severe Weather Preparedness. *ASCE's Journal of Construction Engineering and Management*. https://www.researchgate.net/publication/386108841

iv) Kim, Y., **Jang, K.**, Song, H., Suh, B. (2025). CodeVoyager: An Interactive Tool for Rapid Code Comprehension through LLM-Assisted Graph Navigation. *UIST 2025 Poster (Accepted) & CHI 2026* (WIP).

v) Song, H., Shin, M., Kim, Y., **Jang, K.**, Choi, J., Jung, H., Suh, B. (2025). AltAuthor: A Context-Aware Alt Text Authoring Tool with Image Classification and LMM-Powered Accessibility Compliance. *IUI 2025 Posters and Demos*. https://dl.acm.org/doi/10.1145/3708557.3716366

vi) Park, K., Kim, J., Song, H., **Jang, K.**, Suh, B. (2025). OASIS: Enhancing Debate Quality and Mitigating Polarization through AI-Assisted Argumentation. *CHI 2026*. (Under Review).

vii) Song, H., Shin, M., Choi, J., Park, Y., **Jang, K.**, Suh, B. (2025). AltUs: Generating Alt Text to Improve E-Commerce Accessibility Through Blind and Low Vision User Participation. *CHI 2026* (WIP). (Under Review).

viii) Lee, T., Yoon, C., **Jang, K.**, Lee, D., Song, M., Kim, H., Kang, J. (2025). ETHIC: Evaluating Large Language Models on Long-Context Tasks with High Information Coverage. *NAACL 2025*. https://arxiv.org/abs/2410.16848

ix) Kim, H., Kim, C., Lee, H., **Jang, K.**, Lee, J., Lee, K., Kim, G., Kang, J. (2024). KU-DMIS at EHRSQL 2024: Generating SQL query via question templatization in EHR. *NAACL 2024*. https://aclanthology.org/2024.clinicalnlp-1.64

x) Oh, D., Kang, K., Seo, S., Xiao, J., **Jang, K.**, Kim, K., Park, H., Won, J. (2023). Low-Cost Object Detection Models for Traffic Control Devices through Domain Adaption of Geographical Regions. *Remote Sensing, MDPI*. https://doi.org/10.3390/rs15102584

Awards and Honors

SKT AI Fellowship 7th	06/2025 – 11/2025
Grand Prize (2nd Place), AI Demo Competition	06/2025
1st Prize (LG Aimers / LG AI Hackathon)	01/2024 – 04/2024

Dean's List	08/2021 – 12/2023
Semester Honors	01/2021 – 12/2023

Patents

- LG Management Development Institute. **Jang, K.**, Choi, J., Jang, K., Choi, S., Hong, Y. (2025). Predictive System, Control Method thereof, and Learning Method of Predictive System. Korean Patent Application No. 10-2024-0109936. Publication No. 10-2024-0176815. https://doi.org/10.8080/1020240176815

Work Experience

Naver - Naver Boostcamp / SSAFY - Samsung   07/2024 – Present
AI Tech Teaching Assistant - Generation for NLP   *Remote*
- Develop and review lecture content, including videos, assignments, and guides, while designing course objectives and evaluation criteria for the AI Tech NLP track.
- Create and manage leaderboard-style competitions, including setting up datasets, evaluation metrics, and tutorials, and ensuring smooth operation of the stages.ai platform, while organizing educational sessions and seminars for students.

Samsung Electronics DX   06/2023 – 08/2023
Software Engineering Intern   *Suwon, Korea*
- Developed an automated program utilizing a probabilistic methodology to identify mobile AP program performance segments in Galaxy series products.
- Conducted in-depth analysis of current and voltage usage in application processes utilizing Geekbench5.

Department of Computer Science   08/2022 – 12/2023
Undergraduate Teaching Assistant - CS 17700   *West Lafayette, Indiana*
- Created customized Python assignments for students based on their level of proficiency and course requirements, ensuring effective learning outcomes.
- Instructed course materials and provided guidance to students in lab sessions while also assisting the Graduate Teaching Assistant in supervising and grading student work.

Leadership Experience

Purdue Korean Association (PKA)   08/2021 – 08/2023
Recruiting Team Leader   *West Lafayette, Indiana*
- Led a team of 10 members, the largest in the association, and secured $7,000$ club operation fees from prominent companies such as Samsung Electronics, LG, and SK Innovation.

Republic of Korea Army   08/2018 – 03/2020
Squad Leader   *Seoul, Korea*
- Served as a squad leader of a radio operation squad in the military at Capital Defense Command.
- Worked as a translator of Chinese, English, and Korean at Army Headquarters.

Project Experience

Purdue Korean Association Website Development | *Typescript, React, Figma, Next.js, Nest.js*   08/2023 – 05/2024
- Build a renewal Purdue Korean Association Official website and contribute to front-end and back-end tasks using Next.js (React.js) and Nest.js while utilizing Figma for UI/UX design to enhance user experience. | Website: https://purdueka.org/ (WIP)

Portfolio Website | *React.js, HTML, Netlify, Tailwind, Firebase*   08/2022 – Present
- Created and deployed my portfolio website from scratch using Firebase, React.js, CSS, and HTML without relying on pre-existing templates. | Website: https://www.kyochul.com/ (WIP)

Proficiency in Skills

Languages: English (Full Professional Proficiency), Chinese (Full Professional Proficiency), Korean (Native)
Programming Languages: Python, Huggingface, Pytorch, Java, C, C++, R, JavaScript (React.js), LaTeX, CSS, HTML
Certification: HSK (Level 6), Craftsman Information Processing