Minjoon Choi

⌖ Seoul, South Korea ✉ minjoonchoi08@snu.ac.kr 🔗 m-joon-ixix.github.io in ⌂ m-joon-ixix

Interests

Knowledge-Aware Language Models, Enhancing Robustness & Fairness of Language Models, Software Design

Education

Seoul National University *Mar 2019 – Present*
Candidate for B.S. in Computer Science
- GPA: 4.04/4.3 (3.88/4.0)
- GPA for CS Major Courses: 4.15/4.3 (3.97/4.0)

University of Washington *Mar 2025 – Jun 2025*
University-Wide Exchange Student
- GPA: 4.0/4.0

Hana Academy Seoul *Mar 2015 – Feb 2018*
High School Diploma

Publications

Reliability Across Parametric and External Knowledge: Understanding Knowledge Handling in LLMs *Feb 2025*
arXiv preprint

Youna Kim, ***Minjoon Choi***, Sungmin Cho, Hyuhng Joon Kim, Sang-goo Lee, Taeuk Kim

Professional Experience

Software Engineer *Mar 2021 – Feb 2024*
Dunamu Inc. — Stockplus Backend-Team *Seoul, South Korea*
- Management of 600K MAU servers running on Ruby On Rails & Kotlin Spring
- Led the team on managing user asset data, financial news contents
- Implementation of robust micro-service server architectures
- Partial management of MySQL databases & Kubernetes infrastructure

Research Experience

Undergraduate Research Assistant *Jun 2025 – Present*
University of Washington, Information School *Seattle, WA*
- Advisor: Prof. Lucy Lu Wang
- Evaluating the abstention capabilities of vision-language models (VLMs), and implementing new methods to improve them

Undergraduate Researcher *Apr 2025 – Jun 2025*
University of Washington *Seattle, WA*
- Individual research on the patterns of language model hidden representations
- Conducted under the mentorship of Yike Wang (PhD Student, School of Computer Science & Engineering)

Undergraduate Research Assistant   *Jun 2024 – Feb 2025*
Seoul National University, Department of Computer Science & Engineering   *Seoul, South Korea*

- Advisor: Prof. Sang-goo Lee
- Alignment of language models to better handle knowledge conflicting or irrelevant external information

Undergraduate Research Opportunity Program   *Mar 2024 – May 2024*
Seoul National University, Department of Computer Science & Engineering   *Seoul, South Korea*

- Advisor: Prof. Hanbyul Joo
- Visualized flawed segments, added annotation to Parahome motion capture data

Teaching Experience

Database Systems (M1522.001800)   *Fall 2024*
Undergraduate Teaching Assistant
Seoul National University, Department of Computer Science & Engineering

- Instructor: Prof. Sang-goo Lee
- Arranging in-class quiz sessions, Q&A on project assignments, Grading exams and assignments

Honors & Awards

Korea & USA Advanced Field Student Exchange Funding Scholarship   *Spring 2025*
Presented by Korea Institute for Advancement of Technology   *Financial Aid*

Semiconductor Specialized University Scholarship   *Fall 2023 - Present*
Presented by Korea Institute for Advancement of Technology & Ministry of Educa- *Academic Incentives*
tion

Academic Scholarship   *Fall 2020 - Present*
Presented by Seoul National University Office of Student Affairs   *Tuition Fees*

Technical Skills

Programming: Python, Ruby, Java, Kotlin, C, C#, C++, MySQL, R, OCaml, LaTeX

Frameworks: Spring, Ruby on Rails, Pytorch, Pandas, Numpy

Tools: Git, Notion, Unity, Blender

Languages

Korean: Native

English: Full Professional Proficiency