

Minjoon Choi

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Interests

Knowledge-Aware Large Language Models (LLMs), Enhancing Reliability & Robustness of LLMs,
Vision-Language Models (VLMs), Model Bias & Fairness, 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

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

Mandatory military service completed as an Industrial Technical Personnel

- 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 large language model hidden representations
- Conducted under the mentorship of Yike Wang (PhD Student, School of Computer Science & Engineering)

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

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

Teaching Experience

Computer Programing (M1522.000600)*Fall 2025**Undergraduate Teaching Assistant**Seoul National University, Department of Computer Science & Engineering***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 Education**Academic Incentives***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