

# Minjoon Choi

📍 Seoul, South Korea    ✉ minjoonchoi08@snu.ac.kr    🌐 m-joon-ixix.github.io    in    📱 m-joon-ixix

## 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*

## 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

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

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

## 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

## 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