

# Minjoon Choi

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## Interests

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Reliable & Trustworthy NLP, Knowledge-Aware Language Models, Vision-Language Models (VLMs),  
NLP for High-Expertise Applications (“AI for X”), Software Design

## Education

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### Seoul National University

Mar 2019 – Feb 2026

*B.S. in Computer Science*

- GPA: 4.05/4.3 (3.88/4.0) — CS Major Courses: 4.16/4.3 (3.98/4.0)
- Took a leave of absence for mandatory military service (23 months)

### 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

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### Software Engineer

Mar 2021 – Feb 2024

*Dunamu Inc. — Stockplus Backend-Team*

*Seoul, South Korea*

*Selected as Industrial Technical Personnel (Alternative Military Service)*

- Engineered high-scale backend systems serving 600K MAU using Ruby on Rails & Kotlin Spring
- Led the development of systems for user assets and financial news content
- Architected and deployed microservices, transitioning from legacy infrastructure to improve scalability
- Optimized MySQL databases reducing query latency & Maintained production infrastructure on Kubernetes

## Research Experience

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### Undergraduate Research Assistant

Jun 2025 – Present

*University of Washington, Information School*

*Seattle, WA / Remote*

- Advisor: Prof. Lucy Lu Wang
- Developing an abstention mechanism for VLMs to enhance model reliability by calibrating verbal confidence with its visual perception and reasoning processes
- Contributed to research on the current practices and challenges of human evaluation in NLP studies

### Undergraduate Researcher

Apr 2025 – Jun 2025

*University of Washington — CSE 499*

*Seattle, WA*

- Independent research under the mentorship of Yike Wang (Ph.D. student in Prof. Yulia Tsvetkov’s group)
- Probed LLM hidden layer representations to investigate the internal knowledge consolidation process

### Undergraduate Research Assistant

Jun 2024 – Feb 2025

*Seoul National University, Department of Computer Science & Engineering*

*Seoul, South Korea*

- Advisor: Prof. Sang-goo Lee
- Developed a unified framework for the alignment of language models towards reliable behaviors when facing knowledge conflicts or uninformative external documents

## Undergraduate Research Opportunity Program

Seoul National University, Department of Computer Science & Engineering

Mar 2024 – May 2024

Seoul, South Korea

- Data annotation & post-processing for the large-scale 3D human-object interaction dataset ('ParaHome') in Prof. Hanbyul Joo's research group

## Teaching Experience

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### Computer Programing (M1522.000600)

Fall 2025

Head Teaching Assistant

Seoul National University, Department of Computer Science & Engineering

- Instructor: Prof. Ohchul Kwon
- Developed programming questions for mandatory lab sessions, Coordinated weekly lab sessions, Graded exams and lab assignments, Overall course management

### Database Systems (M1522.001800)

Fall 2024

Undergraduate Teaching Assistant

Seoul National University, Department of Computer Science & Engineering

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

## Publications

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### Illusions of the Gold Standard: A Large-scale Analysis of Human Evaluation Protocols for Long-form Text Generation

2026

Under Review

Katelyn X. Mei, Yi-Li Hsu, Minjoon Choi, Zongwan Cao, Chenjun Xu, Bingbing Wen, Su Lin Blodgett, Lucy Lu Wang

### RoParQ: Paraphrase-Aware Alignment of Large Language Models Towards Robustness to Paraphrased Questions

2025

arXiv Preprint

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### Reliability Across Parametric and External Knowledge: Understanding Knowledge Handling in LLMs

2025

Under Review

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

## Poster Presentations

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### Towards the Use of Layer-to-Layer Stability Patterns for Early Accuracy Estimation in Question Answering

2025

ICCE-Asia 2025

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## Projects

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### PowerPuff Buns

Sep 2024 - Dec 2024

Principles and Practices of Software Development Course Team Project

[swpp-team10-2024fall](#) 

- Led a team of 5 developers in engineering a 3D shooting (TPS) game, coordinating team workflows
- Tools Used: C#, Unity, Blender

## Honors & Awards

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### Korea & USA Advanced Field Student Exchange Funding Scholarship

Spring 2025

Presented by Korea Institute for Advancement of Technology

Financial Aid

**Semiconductor Specialized University Scholarship**

*Presented by Korea Institute for Advancement of Technology & Ministry of Education*

*Fall 2023 - Fall 2025*

*Academic Incentives*

**Academic Scholarship**

*Presented by Seoul National University Office of Student Affairs*

*Fall 2020 - Fall 2025*

*Tuition Fees*

**Technical Skills**

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**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**

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**Korean:** Native

**English:** Full Professional Proficiency — IELTS: 8.0 (Nov. 2025)