Haeji Jung

Website haejij@cs.ubc.ca Google Scholar LinkedIn

Education

University of British Columbia — **Sep 2025 – Present**
Ph.D. student in Computer Science — *Vancouver, Canada*
Advisor: Hila Gonen

Korea University — **Sep 2021 – Aug 2024**
Master of Science in Computer Science and Engineering — *Seoul, Republic of Korea*
GPA: 4.33/4.5

Carnegie Mellon University — **Aug 2023 – Feb 2024**
Visiting Scholar in School of Computer Science — *Pittsburgh, PA*
Intensive Program in AI, sponsored by IITP — Honored with Outstanding Recognition
GPA: 3.75/4.0

Korea University — **Mar 2016 – Aug 2021**
Bachelor of Arts in Korean Language and Literature — *Seoul, Republic of Korea*
Bachelor of Language, Brain & Computer in Language, Brain & Computer
GPA: 4.01/4.5

Publications (* denotes equal contribution)

[1] **PhantomBench: Benchmarking the Non-existential Threat of Language Models**
H. Jung and H. Gonen. *AIMS @ COLM 2026 (non-archival); extended version on arXiv..*

[2] **Happiness is Sharing a Vocabulary: A Study of Transliteration Methods**
H. Jung, J. Kim, K. Kim, Y. Roh, and D. R. Mortensen. *EACL 2026.*

[3] **Harnessing Linguistic Dissimilarity for Language Generalization on Unseen Low-Resource Varieties**
J. Kim, H. Jung, Y. Roh, J. H. Koh, and D. R. Mortensen. *LM4UC @ AAAI 2026 (non-archival).*

[4] **Mitigating the Linguistic Gap with Phonemic Representations for Robust Cross-lingual Transfer**
H. Jung, C. Oh, J. Kang, J. Sohn, K. Song, J. Kim, and D. R. Mortensen. *MRL @ EMNLP 2024.*

[5] **Zero-Shot Cross-Lingual NER Using Phonemic Representations for Low-Resource Languages**
J. Sohn*, H. Jung*, A. Cheng, J. Kang, Y. Du, and D. R. Mortensen. *EMNLP 2024.*

[6] **FoMu-SSL: Foundation Model-Guided Multi-Sensor Self-Supervised Learning for Remote Sensing**
D. Seo, H. Jung, and J. Kim. *FM-Wild @ ICML 2024 (non-archival).*

[7] **VisionTrap: Vision-Augmented Trajectory Prediction Guided by Textual Descriptions**
S. Moon, H. Woo, H. Park, H. Jung, R. Mahjourian, H. Chi, H. Lim, S. Kim, and J. Kim. *ECCV 2024.*

[8] **Fashion Image Retrieval with Occlusion**
J. Sohn*, H. Jung*, Z. Yan*, V. Masti*, X. Li, and B. Raj. *ICPR 2024.*

[9] **Text-driven Prototype Learning for Few-Shot Class-Incremental Learning**
S. Park*, H. Jung*, D. Chae, H. Yun, S. Kim, S. Moon, J. Kim, and S. Park. *ICPR 2024.*

[10] **Visually-Situated Natural Language Understanding with Contrastive Reading Model and Frozen Large Language Models**
G. Kim, H. Lee, D. Kim, H. Jung, S. Park, Y. Kim, S. Yun, T. Kil, B. Lee, and S. Park. *EMNLP 2023.*

Experience

Visiting Scholar **Oct 2024 – Apr 2025**
Language Technologies Institute (LTI), Carnegie Mellon University *Pittsburgh, PA*
- Research on **transliteration for multilingual language modeling**, *under review*

Visiting Scholar **Aug 2023 – Feb 2024**
Carnegie Mellon University *Pittsburgh, PA*
- Research on **zero-shot cross-lingual named entity recognition**, *published at* EMNLP 2024

Research Intern **Aug 2022 – Feb 2023**
Naver Corp., Naver Cloud *Seongnam, Republic of Korea*
- Research on **visual document understanding,** *published at* EMNLP 2023

Committee Member **Jul 2020 – Jan 2021**
TAVE, a non-profit academic student organization *Seoul, Republic of Korea*

Planning Intern **Jan 2020 – Jul 2020**
Kakao Enterprise *Seongnam, Republic of Korea*

Academic Services

Reviewer

ACL Rolling Review (ARR) **2024 – 2026**

Multilingual Representation Learning (MRL) Workshop **2025 – 2026**

UBC CS Student Research Conference (CSSRC) **2026**

Invited Talks

"PhantomBench: Benchmarking the Non-existential Threat of Language Models" **Jul 2026**
Guest Lecture for ELE900, *Toronto Metropolitan University*

Teaching Experience

Teaching Assistant **2026**
University of British Columbia
- CPSC 532H Analysis, Control and Interpretation of Models in NLP (Jan – Apr 2026; Sep – Dec 2026)
- CPSC 100 Computational Thinking (Jan – Apr 2026)

Teaching Assistant **2021 – 2022**
Korea University
- COSE471 Data Science (Mar – Jun 2022)
- LG Electronics-Korea University AI Workshop (Dec 2021 – Feb 2022)

Private Tutor (Math, Language Arts) **2016 – 2020**
for middle–high school students

Honors & Awards

Outstanding Recognition for Intensive AI Program at Carnegie Mellon University **Mar 2025**
Institute for Information and Communications Technology Promotion (IITP)

UBC 4YF Fellowship **Feb 2025**
Dept. of Computer Science, University of British Columbia (18,200 CAD/year + Full Tuition)

AI/Robotics Collaborative Research Program **Oct 2024**
Korea Institute for Advancement of Technology (KIAT) (~21,600 USD)

Full Scholarship for Intensive AI Program at Carnegie Mellon University **Aug 2023**
Institute for Information and Communications Technology Promotion (IITP) (~16,764 USD)

Convergence Research Idea Contest | 2nd Place **Oct 2019**
Convergence Research Policy Center at Korea Institute of Science and Technology (KIST) (~750 USD)

Departmental Scholarship **Oct 2019**
Dept. of Korean Language and Literature, Korea University (~1,120 USD)

Dean's List **Jul 2017, Jul 2019**
College of Liberal Arts, Korea University