

FATEMEH PESARAN ZADEH

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EDUCATION

Seoul National University (SNU), Seoul, Republic of Korea

- Researcher in Computer Science and Engineering, Vision & Learning Lab Sep 2024 - Current
- M.S. in Computer Science and Engineering, Vision & Learning Lab Sep 2022 - Aug 2024
- B.S. in Computer Science and Engineering Mar 2018 - Aug 2022

HONORS AND AWARDS

- Computer Science and Engineering Young Courage Award**, For students that have overcome challenging environment and demonstrated the potential for a promising future Aug 2024
- SNU Computer Science and Engineering Outstanding Master Thesis Award**, Recognizing the top three students for their exceptional theses Aug 2024
- SNU Global Scholarship**, For exemplary foreign students in SNU Mar 2024 - Aug 2024
- Shinyang Scholarship**, For exemplary foreign students in Korea Feb 2023 - Feb 2024
- Global Korean Scholarship**, Fully funded undergraduate scholarship provided by the Korean government to promising international students Feb 2017 - Aug 2022

PUBLICATIONS

*: Equal contribution

- [C7] **Korean Dataset for Document-Description-Based Chart Generation and Chart Reasoning Question Answering** *KCC 2026*
Fatemeh Pesaran zadeh, Junyoung Lim, Shinhaeng Lee, Miyeon Lee, Chaerin Kim, Gunhee Kim
- [C6] **AgentHorizon: Evaluating Agentic Judges for Long-Horizon Computer-Use Tasks** *Under Review NeurIPS 2026*
Xing Han Lù, Dheeraj Vattikonda, Sina Hajimiri, **Fatemeh Pesaran zadeh**, Parishad BehnamGhader, Ghazwa Darwiche, Amirhossein Kazemnejad, Christopher Pal, Alexandre Drouin, Siva Reddy
- [C5] **WebArena-Pro: A Heterogeneous, Multimodal, Reproducible Benchmark for Web Agents** *Under Review NeurIPS 2026*
Imene Kerboua*, **Fatemeh Pesaran zadeh***, Xing Han Lù, Weijian Qi, Alexander Miller, Junyi Song, Yunjia Tian, Dongjin Kang, Seyeon Choi, Marzia Nouri, Ewen Gueguen, Matteo Boglioni, Fengyuan Liu, Zeyi Liao, Mengqi Yuan, Yue Li, Alexandre Lacoste, Alexandre Drouin, Spandana Gella, Huan Sun, Gunhee Kim, Siva Reddy
- [C4] **WEASEL: Out-of-Domain Generalization for Web Agents via Importance-Diversity Data Selection** *ICML 2026*
Fatemeh Pesaran zadeh*, Seyeon Choi*, Xing Han Lù, Siva Reddy, Gunhee Kim
- [C3] **LPOI: Listwise Preference Optimization for Vision Language Models** *ACL 2025*
Fatemeh Pesaran zadeh, Yoojin Oh, Gunhee Kim

[C2] **Text2Chart31: Instruction Tuning for Chart Generation with Automatic Feedback**

EMNLP 2024 *Oral presentation*
(128/6105=2.75%)

Fatemeh Pesaran zadeh, Juyeon Kim, Jin-Hwa Kim, Gunhee Kim

[C1] **mRedditSum: A Multimodal Abstractive Summarization Dataset of Reddit Threads with Images**

EMNLP 2023

Keighley Overbay, Jaewoo Ahn*, **Fatemeh Pesaran zadeh***, Joonsuk Park, Gunhee Kim

EXPERIENCE

Inodeb Company

Mar 2022 - July 2022

Intern

- Worked on Intelligent CCTV Systems project
- Predicting the abnormal situations on surveillance videos

SNU Vision & Learning Lab

July 2021 - Aug 2022

Research Intern

- Done navigation AI project related to brand detection in South Korea
- Studied 2-d vision and Reinforcement Learning

SNU Computational Theory and Algorithm Lab

Jun 2020 - Dec 2020

Research Intern

- Studied landmark indexing for evaluation of label-constrained reachability
- Analyzed efficient processing of label-constrained queries in large graphs

TALKS

Optimization for Multimodal, Agentic, and Real-World Workflows @ LG AI Research Seoul, South Korea, June 2026

REFERENCES

Prof. Gunhee Kim

Seoul National University, research advisor, gunhee@snu.ac.kr

Prof. Jin-Hwa Kim

Seoul National University, NAVER AI Lab, co-author, j1nhwa.kim@navercorp.com