

Hyunsik Jeon

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Postdoctoral Researcher, CSE Dept., UC San Diego

PROFILE

ML Researcher/Engineer with **8+** years of hands-on experience in **Recommender Systems (RecSys)**, focusing on **Conversational** and **Sequential** recommendation. Proven track in ideation through published **10+ papers** in top-tier AI/ML venues (e.g., [KDD](#), [WWW](#), [CIKM](#), [RecSys](#)) and the **Best Ph.D. Dissertation** award. Proficient in **Python**, **PyTorch**, **Machine Learning**, **Large Language Models (LLMs)**, and **Large Vision-Language Models (VLMs)**. Honored with multiple **paper awards** and **OpenAI research credits**.

TECHNICAL SKILLS (★ INDICATES ADVANCED)

ML/AI	Recommender Systems★, Large Language Models★, Large Vision-Language Models★, Graph Learning
Languages	Python★, C++, Java
Frameworks	PyTorch★, TensorFlow
Tools	AWS/GCP, Linux, Git, Docker

EMPLOYMENT

Postdoctoral Researcher, University of California San Diego (UC San Diego) *Sep 2023 - Present*

- **Conversational recommender systems** utilizing large vision-language models ([KDD](#), 2025)
- **Calibrated sequential recommendation** integrating customized training and reranking ([CIKM](#), 2024)
- **Efficient conversational recommendation** with neighborhood-based approach ([RecSys](#), 2024)
- Advancing **transformer-based sequential recommendation** for large-scale personalization
- Collaborating/collaborated with industry partners (Netflix, Snap, Toyota) on advanced RecSys solutions

EDUCATION

Ph.D. in Computer Science & Engineering Seoul National University (SNU), Seoul, Korea Best Ph.D. Dissertation Award	<i>Aug 2023</i>
M.Sc. in Computer Science & Engineering Seoul National University (SNU), Seoul, Korea	<i>Feb 2019</i>
B.Sc. in Computer Science & Engineering Hanyang University (HYU), Seoul, Korea	<i>Feb 2017</i>

INTERNSHIP

Research Intern, Hyperconnect (Seoul, South Korea) *Jul 2020 - Aug 2020*

- Explored large-scale recommendation algorithms to optimize user engagement
- Implemented a prototype of reciprocal recommendation pipeline using **PyTorch**

SELECTED PUBLICATIONS

- **Adapting Large Vision-Language Models to Visually-Aware Conversational Recommendation.**
[Hyunsik Jeon, et al. In \[KDD\]\(#\), 2025.](#)
- **Calibration-Disentangled Learning and Relevance-Prioritized Reranking for Calibrated Sequential Recommendation.**
[Hyunsik Jeon, et al. In \[CIKM\]\(#\), 2024.](#)

- **Neighborhood-Based Collaborative Filtering for Conversational Recommendation.**
Hyunsik Jeon, *et al.* (co-first author) In [RecSys](#), 2024 (Short Paper).
- **Cold-start Bundle Recommendation via Popularity-based Coalescence and Curriculum Heating.**
Hyunsik Jeon, *et al.* In [WWW](#), 2024, **Selected Oral Presentation**.
- **Aggregately Diversified Bundle Recommendation via Popularity Debiasing and Configuration-aware Reranking.**
Hyunsik Jeon, *et al.* In [PAKDD](#), 2023.
- **Accurate Action Recommendation for Smart Home via Two-Level Encoders and Commonsense Knowledge.**
Hyunsik Jeon, *et al.* In [CIKM](#), 2022, **SIGIR Student Travel Grants**.
- **Data Context Adaptation for Accurate Recommendation with Additional Information.**
Hyunsik Jeon, *et al.* In [BigData](#), 2019, **Samsung HumanTech Paper Award**.

SELECTED AWARDS & HONORS

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|----------------------------------------------------------------------------------|-------------|
| • OpenAI API Credit for Research Support (USD 1,000) | <i>2025</i> |
| • Best Ph.D. Dissertation Award , Seoul National University | <i>2023</i> |
| • Sejong Science Fellowship Grant , National Research Foundation of Korea | <i>2023</i> |
| • Best Student Paper , PAKDD 2020 | <i>2020</i> |
| • HumanTech Paper Award (4th in CSE), Samsung | <i>2020</i> |
| • MIND News Recommendation Competition (2nd place), Microsoft Research | <i>2020</i> |

PROFESSIONAL SERVICE

- **Session Chair**, CIKM 2024
- **Mentor**, PhD Symposium at CIKM 2024
- **PC/Reviewer**: KDD, WWW, CIKM, WSDM, NeurIPS, ICLR, etc.

REFERENCES

- **Prof. Julian McAuley**, *Postdoc Advisor* - UC San Diego: jmcauley@ucsd.edu
- **Prof. U Kang**, *PhD Advisor* - Seoul National University: ukang@snu.ac.kr