

# 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. Published **10+** papers in top-tier AI/ML venues (e.g., [WWW](#), [CIKM](#), [KDD](#), [RecSys](#)) and received a **Distinguished 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)

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

## EXPERIENCE

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

- Researched **conversational recommender systems** utilizing large vision-language models (under review)
- Developed **calibrated sequential recommendation** integrating training and reranking (accepted to CIKM 2024)
- Designed **efficient neighborhood-based conversational recommendation** (accepted to RecSys 2024)
- Advancing **transformer-based sequential recommendation** for large-scale personalization
- Collaborating/collaborated with industry partners (Netflix, Snap, Toyota) on advanced RecSys solutions

**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**

## EDUCATION

**Ph.D. in Computer Science & Engineering**   *Aug 2023*  
Seoul National University (SNU), Seoul, Korea  
*Distinguished Dissertation Award*

**M.Sc. in Computer Science & Engineering**   *Feb 2019*  
Seoul National University (SNU), Seoul, Korea

**B.Sc. in Computer Science & Engineering**   *Feb 2017*  
Hanyang University (HYU), Seoul, Korea

## SELECTED PUBLICATIONS

- **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.

- **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.
- **Data Context Adaptation for Accurate Recommendation with Additional Information.**  
Hyunsik Jeon, *et al.* In [BigData](#), 2019.

## SELECTED AWARDS & HONORS

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

## PROFESSIONAL SERVICE

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

## REFERENCES

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