Hyunsik Jeon

hyjeon@ucsd.edu GitHub LinkedIn Google Scholar Profile Website
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 ($\star$ INDICATES ADVANCED)

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

EMPLOYMENT

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

- Researched **conversational recommender systems** utilizing large vision-language models (published at KDD, 2025)
- Developed **calibrated sequential recommendation** integrating training and reranking (published at CIKM, 2024)
- Designed **efficient neighborhood-based conversational recommendation** (published at 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 *Aug 2023*
Seoul National University (SNU), Seoul, Korea
Best Ph.D. 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

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

- **LaViC: 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

- **OpenAI API Credit for Research Support** (USD 1,000) *2025*
- **Best 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

- **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