

# 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)

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|-------------------|---------------------------------------------------------------------------------------------|
| <b>ML/AI</b>      | Recommender Systems★, Large Language Models★, Large Vision-Language Models★, Graph Learning |
| <b>Languages</b>  | Python★, C++, Java, MATLAB                                                                  |
| <b>Frameworks</b> | PyTorch★, TensorFlow                                                                        |
| <b>Tools</b>      | 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

**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

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

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

## PROFESSIONAL SERVICE

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

## 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)