Hyunsik Jeon

Senior Applied Scientist @ Microsoft

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Summary

AI Researcher/Scientist with 8+ years of hands-on experience in Recommender Systems (RecSys), focusing on conversational and sequential recommendation. Proven track record 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. Honored with multiple paper awards and OpenAI research credits. Currently at Microsoft as a senior applied scientist, focusing on developing on-device generative models.

Employment

Feb. 2026 – Present	**Microsoft** *Senior Applied Scientist*	*Redmond, WA, USA*

- Conducting research on on-device generative models.

Sep. 2023 – Aug. 2025	**University of California San Diego** *Postdoctoral Researcher*	*San Diego, CA, USA*

- Conversational RecSys utilizing large vision-language models (KDD, 2025).
- Calibrated sequential RecSys integrating customized training (CIKM, 2024).
- Efficient conversational RecSys with neighborhood-based approach (RecSys, 2024).
- Collaborated with industry partners (Netflix, Snap, Toyota) on advanced RecSys solutions.

Jul. 2020 – Aug. 2020	**Hyperconnect** *Research Intern*	*Seoul, South Korea*

- Explored large-scale recommendation algorithms to optimize user engagement.
- Implemented a prototype of reciprocal recommendation.

Education

Aug. 2023	**Seoul National University** *Ph.D. in Computer Science & Engineering*	*Seoul, South Korea*

- **Best Ph.D. Dissertation Award**

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

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

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.**
  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.**
  Hyunsik Jeon, *et al. In* WWW, 2024, Selected Oral Presentation.

- **Aggregately Diversified Bundle Recommendation via Popularity Debiasing.**
  Hyunsik Jeon, *et al. In* PAKDD, 2023.

- **Accurate Action Recommendation for Smart Home via Two-Level Encoders.**
  <u>Hyunsik Jeon</u>, *et al. In* CIKM, 2022, **SIGIR Student Travel Grants**.

- **Data Context Adaptation for Accurate Recommendation with Additional Information.**
  <u>Hyunsik Jeon</u>, *et al. In* BigData, 2019, **Samsung HumanTech Paper Award**.

Selected Awards & Honors

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

Professional Service

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

References

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