

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), has focused 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 enhancing on-device generative model performance.

Employment

Feb. 2026 – Present	Microsoft <i>Senior Applied Scientist</i> - Conducting research on on-device generative models.	<i>Redmond, WA, USA</i>
Sep. 2023 – Aug. 2025	University of California San Diego <i>Postdoctoral Researcher</i> - 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.	<i>San Diego, CA, USA</i>
Jul. 2020 – Aug. 2020	Hyperconnect <i>Research Intern</i> - Explored large-scale recommendation algorithms to optimize user engagement. - Implemented a prototype of reciprocal recommendation.	<i>Seoul, South Korea</i>

Education

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

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

- 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