

# Hyunsik Jeon

Senior Applied Scientist @ Microsoft

✉ [hyunsikjeon@microsoft.com](mailto:hyunsikjeon@microsoft.com)    [GitHub](#)    [LinkedIn](#)    [Google Scholar](#)    [Website](#)

## 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	<b>Microsoft</b> <i>Senior Applied Scientist</i> - Conducting research on on-device generative models.	Redmond, WA, USA
Sep. 2023 – Aug. 2025	<b>University of California San Diego</b> <i>Postdoctoral Researcher</i> - Conversational RecSys utilizing large vision-language models ( <a href="#">KDD</a> , 2025). - Calibrated sequential RecSys integrating customized training ( <a href="#">CIKM</a> , 2024). - Efficient conversational RecSys with neighborhood-based approach ( <a href="#">RecSys</a> , 2024). - Collaborated with industry partners (Netflix, Snap, Toyota) on advanced RecSys solutions.	San Diego, CA, USA
Jul. 2020 – Aug. 2020	<b>Hyperconnect</b> <i>Research Intern</i> - Explored large-scale recommendation algorithms to optimize user engagement. - Implemented a prototype of reciprocal recommendation.	Seoul, South Korea

## Education

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

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- **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

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

## References

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