Hyundong Justin Cho *Ph.D. candidate in Computer Science*

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EDUCATION

University of Southern California, Information Sciences Institute (USC ISI)   **2020.9 - Present**
Ph.D. in Computer Science, Viterbi School of Engineering   *Los Angeles, CA, USA*
Advisor: Prof. Jonathan May
Machine Learning, Natural Language Processing

Hong Kong Unversity of Science and Technology (HKUST)   **2013.9 - 2019.6**
B.Eng. in Computer Science, School of Engineering   *Hong Kong, HK*
Graduated with First Class Honors

PREPRINTS

1. Speechworthy Instruction-tuned Language Models
   Hyundong Cho, N. Jedema, L. Ribeiro, K. Sharma, P. Szekely, A. Moschitti, R. Janssen, J. May. 2024
   arxiv, under review

PUBLICATIONS

1. Improving Covert Toxicity Detection by Retrieving and Generating References
   D. Lee, **Hyundong Cho**, W. Jin, J. Moon, S. Park, P. Röttger, J. Pujara, R. Lee
   in Proceedings of NAACL 2024 Workshop on Online Abuse and Harms

2. Can Language Model Moderators Improve the Health of Online Discourse?
   Hyundong Cho, S. Liu, T. Shi, D. Jain, B. Rizk, Y. Huang, Z. Lu, N. Wen, J. Gratch, E. Ferrara, J. May
   in Proceedings of NAACL 2024

3. BotEval: Facilitating Interactive Human Evaluation
   Hyundong Cho, Thamme Gowda, Y. Huang, Z. Lu, Tianli Tong, J. May
   in Proceedings of ACL 2024 System Demonstration

4. Continual Dialogue State Tracking via Example-Guided Question Answering
   Hyundong Cho, A. Madotto, Z. Lin, K. Raghavi Chandu, S. Kottur, J. Xu, J. May, C. Sankar
   in Proceedings of EMNLP 2023

5. Analyzing Norm Violations in Live-Stream Chat
   J. Moon, D. Lee, **Hyundong Cho**, W. Jin, C. Park, M. Kim, J. May, Jay Pujara, S. Park
   in Proceedings of EMNLP 2023

6. RECAP: Retrieval-Enhanced Context-Aware Prefix Encoder for Personalized Dialogue Response Generation
   S. Liu, **Hyundong Cho**, M. Freedman, X. Ma, J. May
   in Proceedings of ACL 2023

7. Know Thy Strengths: Comprehensive Dialogue State Tracking Diagnostics
   Hyundong Cho, C. Sankar, C. Lin, A. Celikyilmaz, S. Shayandeh, J. May, A. Beirami
   in Proceedings of EMNLP 2022 Findings

8. Reflect, Not Reflex: Inference-Based Common Ground Improves Dialogue Response Quality
   P. Zhou, **Hyundong Cho**, P. Jandaghi, D. Lee, Y. Lin, J. Pujara, X. Ren
   in Proceedings of EMNLP 2022

9. Probing Commonsense Explanation in Dialogue Response Generation
   P. Zhou, P. Jandaghi, **Hyundong Cho**, Y. Lin, J. Pujara, X. Ren
   in Proceedings of EMNLP 2021 Findings

10. Viola: A Topic Agnostic Generate-and-Rank Dialogue System
    Hyundong Cho, B. Shbita, K. Shenoy, S. Liu, N. Patel, H. Pindikanti, J. Lee, J. May 2021
    Alexa Prize Socialbot Grand Challenge 4 Proceedings

11. Agenda Pushing in Email to Thwart Phishing
    Hyundong Cho, G. Bartlett, M. Freedman
    in Proceedings of ACL 2021 Doc2Dial Workshop

12. Grounding Conversations with Improvised Dialogues
    Hyundong Cho, J. May
    in Proceedings of ACL 2020

WORK EXPERIENCE

Amazon AGI   **2024.5 - Present**
Research Intern, Graphiq. Manager: Ravi Krishnan   *Santa Barbara, CA, USA*

Amazon Alexa   **2023.6 - 2023.9**
Research Intern, Graphiq. Manager: Ruben Janssen   *Santa Barbara, CA, USA*

Meta AI   **2022.6 - 2022.9**
Research Intern, Cognitive AI. Manager: Dr. Chinnadhurai Sankar   *Menlo Park, CA, USA*

Meta AI   **2021.8 - 2022.3**
Research Intern, Conversational AI Research. Manager: Dr. Ahmad Beirami *Menlo Park, CA, USA*

Stitch Fix Inc.   **2020.6 - 2020.8**
Data Science Intern. Manager: Dr. Anna Schneider   *San Fransisco, CA, USA*

USC ISI Natural Language Group (NLG)   **2019.9 - 2020.6**
Programmer Analyst, Managers: Prof. Jonathan May, Marjorie Freedman   *Los Angeles, CA, USA*

Summer Research Intern, PI: Prof. Jonathan May   **2019.6 - 2019.9**

Undergraduate Research Assistant, PI: Prof. Jonathan May   **2018.9 - 2019.2**

Imago.ai   **2018.6 - 2018.9**
Artificial Intelligence Research Intern   *Hong Kong, HK*

AWARDS

Viterbi School of Engineering/Graduate School Fellowship for Incoming Students	**2020**
Academic Excellence Recruitment Scholarship (Full Tuition), HKUST	**2013.9 - 2019.6**
Reaching Out Award, HKSAR Government Scholarship Fund	**2019.2**
Champion of CodeIT Suisse Coding Challenge, Credit Suisse APAC Region	**2017.9**
Dean's List, School of Engineering, HKUST	**2013.12, 2015.6, 2017.12, 2018.6, 2019.6**

PROFESSIONAL SERVICES

- Program Committee Member (Reviewer)
  - Main conferences: ACL (2021-2024), EMNLP (2020-2023), EACL (2023), AACL (2022-2023), NAACL (2020-2024), NeurIPS (2023)
  - Journals: TMLR (2023, 2024)
  - Workshops: Social Influence in Conversations (ACL 2023), What's left to TEACH chatbots (ICML 2023), Intelligent and Interactive Writing Assistants (ACL 2022), Doc2Dial Workshop (ACL 2021)
- Workshop organizer:
  - What's left to TEACH chatbots Workshop at ICML 2023