

## CURRICULUM VITAE

## Chun Hei Lo

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EDUCATION	<b>Ph.D. in Systems Engineering and Engineering Management</b> The Chinese University of Hong Kong (CUHK) Thesis: <i>Learning Semantics from Meaning Representations: From Distributional and Graph-Grammatical Perspectives</i> Aug 2019–Present (Expected: Jan 2024)	
	<b>B.Sc. (Hons) with First Class Honors in Computer Science</b> The Chinese University of Hong Kong Sept 2015–July 2019	
WORK EXPERIENCE	<b>Junior Research Assistant</b> Department of Systems Engineering and Engineering Management, CUHK • Researched on cross-framework meaning representations parsing and published a paper July 2019	
	<b>Software Engineer Intern</b> Set Sail Software • Automated analysis of chatbot’s performance on actual message data June 2018–Aug 2018	
PUBLICATIONS AND PREPRINTS	<p>[5] Chun Hei Lo and Guy Emerson. 2023. <i>Distributional Inclusion Hypothesis and Quantifications: Probing Hypernymy in Functional Distributional Semantics</i>. arXiv:2309.08325</p> <p>[4] Chun Hei Lo, Hong Cheng, Wai Lam, and Guy Emerson. 2023. <i>Functional Distributional Semantics at Scale</i>. In <i>Proceedings of the 12th Joint Conference on Lexical and Computational Semantics (*SEM 2023)</i>, pages 423–436, Toronto, Canada</p> <p>[3] Chun Hei Lo, Wai Lam, and Hong Cheng. 2022. <i>Semantic Composition with PSHRG for Derivation Tree Reconstruction from Graph-Based Meaning Representations</i>. In <i>Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)</i>, pages 5425–5439, Dublin, Ireland</p> <p>[2] Mudit Chaudhary, Borislav Dzodzo, Sida Huang, Chun Hei Lo, Mingzhi Lyu, Lun Yiu Nie, Jinbo Xing, Tianhua Zhang, Xiaoying Zhang, Jingyan Zhou, Hong Cheng, Wai Lam, and Helen Meng. 2021. <i>Unstructured Knowledge Access in Task-oriented Dialog Modeling using Language Inference, Knowledge Retrieval and Knowledge-Integrative Response Generation</i>. arXiv:2101.06066</p> <p>[1] Sunny Lai, Chun Hei Lo, Kwong Sak Leung, and Yee Leung. 2019. <i>CUHK at MRP 2019: Transition-Based Parser with Cross-Framework Variable-Arity Resolve Action</i>. In <i>Proceedings of the Shared Task on Cross-Framework Meaning Representation Parsing at the 2019 Conference on Natural Language Learning</i>, pages 104–113, Hong Kong</p>	
SELECTED AWARDS	<b>Dean’s List</b> , Faculty of Engineering, CUHK 2015–16, 2016–17, 2017–18, 2018–19 <b>Master’s List</b> , Wu Yee Sun College, CUHK 2016–17, 2017–18, 2018–19 <b>ELITE Stream Student Scholarship</b> , Faculty of Engineering, CUHK 2016–17, 2018–19 <b>Computer Science Scholarship</b> , Dept. of Computer Science and Engineering, CUHK 2015–16 <b>Medals</b> , Hong Kong Olympiad in Informatics • Silver (Senior Group) in 2015; Gold (Junior Group) in 2013; Silver (Junior Group) in 2012	
INVITED PRESENTATIONS	<i>Functional Distributional Semantics (FDS) at Scale</i> and <i>Probing Hypernymy in FDS</i> , 19th DELPH-IN Summit, Language and Information Society of University of A Coruña 27 June 2023 <i>Semantic Composition with PSHRG for Derivation Tree Reconstruction from Graph-Based Meaning Representations</i> , Seminar at Foundations of Language Processing of Umeå University, Virtual 16 Sept 2022	
TEACHING EXPERIENCE	<b>Teaching Assistant</b> Faculty of Engineering, CUHK • CSCI2100: Data Structures 2019–20, 2020–21, 2021–22, 2022–23 • SEEM3550: Fundamentals in Information Systems 2020–21, 2021–22, 2022–23	
COMPETENCES	<b>Languages</b> Cantonese ( <i>native</i> ), English ( <i>proficient</i> ), Mandarin ( <i>proficient</i> )	