DO, Van Quyet

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🌐 Homepage: http://dovanquyet.github.io/

Research Interests

For future research, my overarching objective is to develop neural-symbolic systems that effectively and efficiently solve various NLP tasks, especially reasoning tasks. In my opinion, this strategy is a suitable method for enhancing the reasoning capabilities of (Large) Language Models, as opposed to relying solely on Supervised Finetuning or Reinforcement Learning from Human Feedback.

Education

08/2022 - Present   🔖 **M.Phil. Computer Science and Engineering**
Hong Kong University of Science and Technology (HKUST)
Supervisor: Prof. Yangqiu Song
Specialization: *Natural Language Processing, Commonsense Reasoning*

08/2018 - 06/2022   🔖 **B.Sc. Data Science and Pure Math (Advanced Track)**
Hong Kong University of Science and Technology (HKUST)
CGA: *4.0/4.3 as of Graduation (Top 3/39)*
First Class Honors with Academic Achievement Medal

Research Publications

Articles

1. T. Fang, **Q. V. Do**, S. Choi, W. Wang, and Y. Song, "CKBP v2: An expert-annotated evaluation set for commonsense knowledge base population," *ArXiv*, vol. abs/2304.10392, 2023. 🔗 URL: https://api.semanticscholar.org/CorpusID:258236552.

Conference Proceedings

1. Y. Bang, S. Cahyawijaya, N. Lee, *et al.*, "A multitask, multilingual, multimodal evaluation of chatgpt on reasoning, hallucination, and interactivity," in *IJCNLP-AACL 2023: The 13th International Joint Conference on Natural Language Processing and the 3rd Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics*, Bali, Indonesia: Association for Computational Linguistics, Nov. 2023.

2. Z. Wang, **Q. V. Do**, H. Zhang, *et al.*, "COLA: Contextualized commonsense causal reasoning from the causal inference perspective," in *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, Toronto, Canada: Association for Computational Linguistics, Jul. 2023, pp. 5253–5271. 🔗 DOI: 10.18653/v1/2023.acl-long.288.

3. T. Fang, **Q. V. Do**, H. Zhang, Y. Song, G. Y. Wong, and S. See, "PseudoReasoner: Leveraging pseudo labels for commonsense knowledge base population," in *Findings of the Association for Computational Linguistics: EMNLP 2022*, Abu Dhabi, United Arab Emirates: Association for Computational Linguistics, Dec. 2022, pp. 3379–3394. 🔗 DOI: 10.18653/v1/2022.findings-emnlp.246.

Teaching Experience

09/2023 - 12/2023		**Teaching Assistant**, COMP2211: Exploring Artificial Intelligence, HKUST
02/2023 - 05/2023		**Teaching Assistant**, COMP4332: Big Data Mining and Management, HKUST
08/2017 - 07/2018		**Teaching Assistant**, CMATH Mathematics Center, Hanoi

Working Experience

06/2022 - 08/2022		**Software Engineer Intern**, Eureka FinTech Limited, Hong Kong
09/2021 - 06/2022		**Research Assistant**, Knowledge Computation Group, HKUST
03/2021 - 09/2021		**AI Internee**, R&D group, Vietnam Technology International, Hanoi

Awards and Achievements

2022		**Academic Achievement Medalist of UG Class of 2022**, HKUST
2019-2022		**Chern Class Achievement Scholarship with outstanding performance**, HKUST
2021, 2022		**Epsilon Fund Award**, HKUST
2018-2022		**Dean's List Student** (All semesters except Spring 2021), HKUST
		Univesity Scholarship, HKUST
2017		**Bronze Medalist**, 58th International Mathematical Olympiad

Skills

Languages		Vietnamese (*Native*), English (*Full Proficiency*), Chinese (*Beginner*).
Coding		Python, PyTorch, familiar to TPU-training and Cloud Computing.
Misc.		Seminar organization, Mental health First aid.

References

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