

Quyet Do



 <http://dovanquyet.github.io/> |  quyetdo@vt.edu |  Google Scholar

Research Interests

I aspire to develop artificial intelligence (AI) in a similar way as human intelligence develops. In the era of large AI models, my research focus includes:

- **Instruction following capability:** evaluating AI models under the extreme loads of instructions, which resembles the need in AI alignment or agentic AI.
- **Automatic evaluation:** developing techniques to enhance automatic evaluation of AI-generated data is key for future AI development.
- **Neuro-symbolic reasoning system:** learning both system-1 and system-2 reasoning capability in an efficient way and within a model by combining neural and symbolic modules.

Working Experience

- 05/2025 - 08/2025  **Research Scientist Intern**, Adobe, San Jose, USA.
Mentor: Dr. [Viet Lai](#) and Dr. [Trung Bui](#)
- 03/2021 - 09/2021  **AI Engineer Intern**, R&D group, Vietnam Technology International, Hanoi

Education

- 08/2024 - present  **Ph.D. Computer Science and Applications**
Virginia Tech
Supervisor: Prof. [Tu Vu](#)
Specialization: *Natural Language Processing*
- 08/2022 - 06/2024  **M.Phil. Computer Science and Engineering**
Hong Kong University of Science and Technology (HKUST)
Supervisor: Prof. [Yangqiu Song](#)
Specialization: *Natural Language Processing*
- 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 2/39)
First Class Honors with Academic Achievement Medal

Selected Publications

For the full list of my publications, please visit my Google Scholar profile.

Remark: * indicates equal contribution.

1. **SEACrowd: A Multilingual Multimodal Data Hub and Benchmark Suite for Southeast Asian Languages**
Holy Lovenia and Rahmad Mahendra and Salsabil Maulana Akbar et. al. *including Quyet V. Do*
EMNLP 2024. [pdf].
2. **ConstraintChecker: A Plugin for Large Language Models to Reason on Commonsense Knowledge Bases**
[Quyet V. Do](#), Tianqing Fang, Shizhe Diao, Zhaowei Wang, Yangqiu Song
EACL 2024. [pdf] [code].
3. **A Multitask, Multilingual, Multimodal Evaluation of ChatGPT on Reasoning, Hallucination, and Interactivity**

Yejin Bang, Samuel Cahyawijaya, Nayeon Lee, Wenliang Dai, Dan Su, Bryan Wilie, Holy Lovenia, Ziwei Ji, Tiezheng Yu, Willy Chung, **Quyet V. Do**, Yan Xu, Pascale Fung
AACL 2023, **Area Chair Award**. [pdf] [code].

4. **PseudoReasoner: Leveraging Pseudo Labels for Commonsense Knowledge Base Population.**
Tianqing Fang, **Quyet V. Do**, Hongming Zhang, Yangqiu Song, Ginny Y. Wong and Simon See
Findings of EMNLP 2022. [pdf] [code].

Awards and Achievements

2024	🏆	Outstanding Reviewer Award , EMNLP 2024
2023	🏆	Area Chair Award , Language Modeling and Analysis Track, IJCNLP-AACL 2023
2022-2024	🏆	Postgraduate Studentship , HKUST
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
	🏆	University Scholarship , HKUST
2017	🏆	Bronze Medalist , 58th International Mathematical Olympiad

Miscellaneous Experience

Talks

04/2024	🏆	ConstraintChecker: A Plugin for Large Language Models to Reason on Commonsense Knowledge Bases (HKUST CSE RTF 2024)
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Services

Reviewer	🏆	EMNLP'22,23,24,25, ACL'23, AACL'23, EACL'24
Volunteer	🏆	IJCAI'23
Others	🏆	<ul style="list-style-type: none">Guest speaker @ HKUST DSCT Alumni Sharing 2022Representative @ HKUST RGC Visit 2023Head of Event Organization @ VSAHK 2023Speaker @ MathTalk 2024 (Vietnam)

Skills

Languages	🏆	Vietnamese (<i>Native</i>), English (<i>Full Proficiency</i>), Chinese (<i>Elementary Proficiency</i>)
Coding	🏆	Python, PyTorch, familiar to TPU-training and Cloud Computing
Misc.	🏆	Seminar/event organization, Mental health First aid, Presentation (sample)

References

Dr. Tu Vu
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Dr. Marzena Karpinska
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Dr. Kalpesh Krishna
Senior Research Scientist
Google DeepMind, USA
✉️ kalpeshk2011@gmail.com