

Quyet Do

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Research Interests

I aspire to develop AI that evolves through efficient self-learning, similar to the development of human intelligence. 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.
- **Creative reasoning:** training models to efficiently and creatively solve complex tasks.
- **Self-learning agents with memory:** applying different types of memory—working, short-term, and long-term—into agentic systems to enable *learning from experience* and *long-context processing*.

Education

- 08/2024 - present  **Ph.D. Computer Science and Applications**
Virginia Tech
Supervisor: Prof. [Tu Vu](#)
Specialization: *LLMs*
- 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

Professional Experience

- 05/2025 - 08/2025  **Research Scientist Intern**, Adobe Research, San Jose, USA.
Mentor: Dr. [Viet Lai](#), Dr. [David Yoon](#), and Dr. [Trung Bui](#)
Summary: Work on *automatic evaluation for image generation and editing*. Improve the performance of GPT-4o and Gemini-2.5-Pro in the task by *9% accuracy and Pearson correlation*
- 06/2022 - 08/2022  **Software Engineer Intern**, Eureka FinTech Limited, Hong Kong
Mentor: Dr. [Hwa-Ping Chang](#)
- 03/2021 - 09/2021  **AI Engineer Intern**, R&D group, Vietnam Technology International, Hanoi
Manager: [Ha Pham](#)

Selected Publications

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

Remark: * indicates equal contribution.

1. **Can Specialized Image Assessment Models Aid MLLM-as-a-Preference-Model in Image Generation and Editing?**

[Quyet V. Do](#), Seunghyun Yoon, Ruiyi Zhang, Thiloshon Nagarajah, HyunJoon Jung, Trung Bui, Viet Dac Lai

Under Review.

2. **StackIF: Benchmarking Frontier LLMs on Summarization with 100+ Instruction-Stacked Prompts**
 Quyet V. Do, Marzena Karpinska, Kalpesh Krishna, Tu Vu
Under Review.
3. **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].
4. **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].
5. **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'24,25
Volunteer	🏆	IJCAI'23
Others	🏆	<ul style="list-style-type: none"> • Guest speaker @ HKUST DSCT Alumni Sharing 2022 • Representative @ HKUST RGC Visit 2023 • Head of Event Organization @ VSAHK 2023 • Speaker @ MathTalk 2024 (Vietnam)

References

Dr. Tu Vu, Assistant Professor @ Virginia Tech and Faculty Researcher @ Google DeepMind, USA, ✉️
 tuv@vt.edu

Dr. Viet Lai, Research Scientist @ Adobe Research, USA, ✉️ daclai@adobe.com