

Dao Quang Huy

INFORMATION

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SUMMARY

- Currently, I'm working as an AI Resident of the FPT Software Residency Program. My research interests include Natural Language Processing, Graph Representation Learning and Recommender Systems.
- Besides, I also work on emerging research topics such as Conversational Recommender Systems, Dialogue Systems and Graph Neural Networks.

EDUCATION

VNU - University Of Engineering and Technology

Bachelor of Arts in Information Technology

Grade: High Distinction

CPA: 3.63/4.0 (Top 8% student in my university)

Ha Noi

Aug. 2017 – May 2021

EXPERIENCE

Undergraduate Research Assistant

AIDANTE Lab - A bioinformatics lab

NLP Engineer

Sun Asterisk Inc

AI Resident

FPT Software

Aug. 2019 – March 2021

March 2021 – May 2021

May 2021 – Present

RESEARCH AWARDS

Scientific Research Conference at Faculty of Information Technology UET

- Achieve 2nd prize.
- Topic: Biomedical Semantic Relation Classification with Bidirectional Long Short-Term Memory on Graph. .

Scientific Research Conference at University of Engineering and Technology

- Achieve 3rd prize.
- Topic: Improving Semantic Relationship Extraction with Graph-based Long-short Term Memory. .

TECHNICAL SKILLS

- **Mathematics:** Linear Algebra, Calculus, Convex Optimization, Probability and Statistics
- **Programming Skills:** Data Structures and Algorithms, Parallel Computing and GPU programming.
- **Programming Language:** Python, C++/CUDA.
- **Framework:** Pytorch (4+ years experience), Tensorflow.
- **Libraries:** Torchvision, Torchtext, Numpy, Scikit-Learn, Spacy, NLTK, Gensim, Pandas, HuggingFace Transformers, FairSeq, Flair, Opencv.
- **Research:** Conversational Recommendation, Graph Representation Learning and Writing research papers.

Reinforced Target-driven Conversational Promotion

- Authors: Huy Dao, Lizi Liao, Dung Le, Yuxiang Nie
- Under-review of EMNLP 2023.

Improving Items and Contexts Understanding with Descriptive Graph for Conversational Recommendation

- Authors: Huy Dao, Dung Le, Cuong Chu
- Preprint.

Biomedical Semantic Relation Classification With Bidirectional Long-short Term Memory on Graph

- Authors: Huy Quang Dao, Huy Duc Ngo, Duc Anh Nguyen, Duc Anh Nguyen Tran, Hai Thanh Dang
- Under review

S-NLP at SemEval-2021 task 5: An analysis of dual networks for sequence tagging

- Authors: Viet Anh Nguyen, Tam Minh Nguyen, Huy Quang Dao, Quang Huu Pham
- Proceedings of the 15th International Workshop on Semantic Evaluation (SemEval-2021).

REFERENCES

1. Dr. Dung D. Le

- Assistant Professor at VinUniversity, VietNam.
- Email: dung.ld@vinuni.edu.vn
- Relationship: Main Supervisor.

2. Dr. Cuong X. Chu

- Phd Degree at Max Planck Institute for Informatics.
- Email: cxchu@mpi-inf.mpg.de
- Relationship: Co-Supervisor.

3. Dr. Lizi Liao

- Assistant Professor at Singapore Management University.
- Email: lzliao@smu.edu.sg
- Relationship: Co-Supervisor.