



SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name: Phan Thi Huyen Trang..... Date of birth: 01/06/1988...
Academic title: Doctor of Computer Science..... Sex: Female.....
Administrative position:
Department: Faculty of Information Technology.....
Institution: Ho Chi Minh City University of Technology and Education.....
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Research gate: <https://www.researchgate.net/profile/Huyen-Phan-6>.....

2. Qualifications:

STT	Years	Academic institutions	Major/Specialty	Academic degree
1	2011	Hue University of Education	Informatics	Bachelor of Informatics
2	2015	The University of Danang, University of Science and Technology	Computer Science	Master of Computer Science
3	2020	Yeungnam University	Computer Science	Doctor of Computer Science
4	2021	Yeungnam University	Computer Science	Postdoctoral

3. Professional experience:

STT	Years	Institution	Professional address	Position
1	2011 - 2022	Quang Binh University	No 312, Ly Thuong Kiet, Bac Ly, Dong Hoi, Quang Binh	Lecturer
2	2021 - 2024	Yeungnam University	No 280, Daehak-Ro, Gyeongsan, Gyeongbuk 38541, Republic of Korea	Research Professor
3	2023 – 01/2024	Nguyen Tat Thanh University	No 300A, Nguyen Tat Thanh, 04 Ward, Ho Chi Minh City	Lecturer
2	02/2024 until now	Ho Chi Minh City University of Technology and Education	No 01 Vo Van Ngan Street, Linh Chieu Ward, Thu Duc City, Ho Chi Minh City	Lecturer

4. Language (rating: A- Poor/deficient; B- Fair; C- Sufficient; D- Fluent)

Language	Reading	Writing	Speaking
English	C	C	C
Other language			



5. Expertise and research interests

5.1. Main research orientation

- Sentiment analysis (Sentence-level sentiment analysis, Aspect-level sentiment analysis); Fake news detection;
- Machine learning: Deep neural network/Convolution neural network, Hybrid of machine, SVM, Adaboost, Random forest, Conditional random field, Graph convolutional network model;

5.2. List of research projects:

List all the research grants/projects:

No	Project ID and Project name	Funding institution & funded amount	Project duration	Project evaluation ranking	Position/ role in the project
1	A novel fuzzy multigraph convolutional network model for improving the performance of sentiment analysis methods at the aspect level.	NAFOSTED	2024-2026		Chief

5.3. Publications

No	Authors	Year	Publications	Name of publishers/ No, Vol, Page	ISSN/ ISBN	Doi/ Link	Notes
1	Article(s) in WoS-covered journal						
1.1	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang, Yeeong-Seok Seo	2025	Modelling Context and Content Features for Fake News Detection	Expert Systems	0266-4720, 1468-0394	10.1111/exsy.13839	
1.2	Huyen Trang Phan, Van Du Nguyen, Ngoc Thanh Nguyen	2025	MulGCN: MultiGraph Convolutional Network for Aspect-level Sentiment Analysis	IEEE Access	2169-3536	10.1109/ACCESS.2025.3537340	
1.3	Huyen Trang Phan, Ngoc Thanh Nguyen	2024	A Fuzzy Graph Convolutional Network Model for Sentence-Level Sentiment Analysis	IEEE Transactions on Fuzzy Systems/32, 2953 - 2965	1063-6706	10.1109/TFUZZ.2024.3364694	
1.4	Huyen Trang Phan, Dinh Tai Pham, Ngoc Thanh Nguyen	2023	FeDN2: Fuzzy-Enhanced Deep Neural Networks for Improvement of Sentence-Level Sentiment Analysis	Cybernetics and Systems	0196-9722, 1087-6553	10.1080/01969722.2023.2296252	
1.5	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang,	2023	M2SA: a novel dataset for multi-level and multi-domain sentiment analysis	Journal of Information and Telecommunication/8, 1-19	24751839, 24751847	10.1080/24751839.2023.2229700	



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	Yeong-Seok Seo						
1.6	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2023	Fake news detection: A survey of graph neural network methods	Applied Soft Computing/139, 110235	1568-4946	10.1016/j.asoc.2023.110235	
1.7	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2023	Aspect-level sentiment analysis: A survey of graph convolutional network methods.	Information Fusion /91,149-172	1566-2535	10.1016/j.inffus.2022.10.004	
1.8	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2023	Aspect-Level Sentiment Analysis Using CNN Over BERT-GCN.	IEEE Access /10, 110402-110409	2169-3536	10.1109/ACCESS.2022.3214233	
1.9	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2022	Convolutional attention neural network over graph structures for improving the performance of aspect-level sentiment analysis	Information Sciences /589, 416-439	0020-0255	10.1016/j.ins.2021.12.127	
1.10	Huyen Trang Phan, Ngoc Thanh Nguyen, Van Cuong Tran Dosam Hwang	2021	An approach for a decision-making support system based on measuring the user satisfaction level on Twitter.	Information Sciences/561, 243-273	0020-0255	10.1016/j.ins.2021.01.008	
1.11	Huyen Trang Phan, Ngoc Thanh Nguyen, Van Cuong Tran Dosam Hwang	2020	Improving the performance of sentiment analysis of tweets containing fuzzy sentiment using the feature ensemble model.	IEEE Access /8, 14630-14641	2169-3536	10.1109/ACCESS.2019.2963702	
1.12	Huyen Trang Phan, Ngoc Thanh Nguyen, Van Cuong Tran Dosam Hwang	2019	A sentiment analysis method of objects by integrating sentiments from tweets.	Journal of Intelligent & Fuzzy Systems/37(6), 7251-7263	1064-1246	10.3233/JIFS-179336	



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2 Article(s) in Scopus-covered journal							
2.1							
3 Article(s) in other international journal							
3.1							
4 Article(s) in National scientific journal							
4.1	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2021	Sentiment Analysis for Social Media: a Survey	Journal of Computer Science and Cybernetics/37(4),403-428	1813-9663	10.15625/1813-9663/37/4/15892	
5 National/International Conference (s)							
5.1	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang, Yeong-Seok Seo	2023	Deep-Learning-and GCN-Based Aspect-Level Sentiment Analysis Methods on Balanced and Unbalanced Datasets	Asian Conference on Intelligent Information and Database Systems (ACIIDS)/ 11431, 133-144	978-981-99-5837-5	10.1007/978-981-99-5837-5	Scopus
5.2	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2022	Content-Context-Based Graph Convolutional Network for Fake News Detection.	International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE)/ 13343, 571-582	978-3-031-08530-7	10.1007/978-3-031-08530-7_48	Scopus
5.3	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2022	Sentence-Level Sentiment Analysis Using a CNN Model on Contextualized Word Representations.	International Conference on Intelligence of Things (ICIoT)/ 148, 236-245	978-3-031-15063-0	10.1007/978-3-031-15063-0_22	Scopus
5.4	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2022	Sentence-level Sentiment Analysis Using GCN on Contextualized Word Representations.	International Conference on Computational Science (ICCS)/ 13351, 690-702	978-3-031-08751-6	10.1007/978-3-031-08754-7_71	Scopus
5.5	Huyen Trang Phan, Ngoc	2021	A Method for Improving Word Representation Using	International Conference on Computational Science	978-3-030-77961-0	10.1007/978-3-030-77967-2_28	Scopus



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	Thanh Nguyen, Musaev, J., Dosam Hwang		Synonym Information.	(ICCS)/ 12744, 333-346			
5.6	Huyen Trang Phan, Ngoc Thanh Nguyen, Van Hieu Bui, Dosam Hwang	2021	Tweet Sentiment Analysis for Predicting the Symptoms Effect Level Regarding COVID-19.	IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)	978-1-6654-4407-1	10.1109/FUZZ45933.2021.9494402	Scopus
5.7	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2020	A new approach for predicting an important user on a topic on twitter.	International Conference on INnovations in Intelligent SysTems and Applications (INISTA)	978-1-7281-6798-5	10.1109/INISTA49547.2020.9194658	Scopus
5.8	Huyen Trang Phan, Van Cuong Tran, Ngoc Thanh Nguyen, Dosam Hwang	2020	A framework for detecting user's psychological tendencies on twitter based on tweets sentiment analysis.	International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE)/ 12144, 357-372	978-3-030-55789-8	10.1007/978-3-030-55789-8_32	Scopus
5.9	Huyen Trang Phan, Van Cuong Tran, Ngoc Thanh Nguyen, Dosam Hwang	2020	Detecting the degree of risk in online market based on satisfaction of twitter users.	International Conference on Computational Collective Intelligence (ICCCI)/ 12496, 58-70	978-3-030-63006-5	10.1007/978-3-030-63007-2_5	Scopus
5.10	Huyen Trang Phan, Van Cuong Tran, Ngoc Thanh Nguyen, Dosam Hwang	2019	A method for detecting and analyzing the sentiment of tweets containing fuzzy sentiment phrases	International Conference on INnovations in Intelligent SysTems and Applications (INISTA)	978-1-7281-6798-5	10.1109/INISTA.2019.8778360	Scopus, Best paper
5.11	Huyen Trang Phan, Van Cuong Tran, Ngoc Thanh Nguyen, Dosam Hwang	2019	Decision-making support method based on sentiment analysis of objects and binary decision tree mining.	International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IEA/AIE)/ 11606, 753-767	978-3-030-22999-3	10.1007/978-3-030-22999-3_64	Scopus
5.12	Huyen Trang Phan, Van	2019	A method for detecting and analyzing the sentiment of tweets	Asian Conference on Intelligent Information and Database Systems	978-3-030-14799-0	10.1007/978-3-030-14799-0_15	Scopus



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	Cuong Tran, Ngoc Thanh Nguyen, Dosam Hwang		containing conditional sentences.	(ACIIDS)/ 11431, 177-188			
5.13	Huyen Trang Phan, Ngoc Thanh Nguyen, Dosam Hwang	2018	A tweet summarization method based on maximal association rules.	International Conference on Computational Collective Intelligence (ICCCI)/ 11055, 373-382	978-3-319-98442-1	10.1007/978-3-319-98443-8_34	Scopus
6	Other (monographs, book chapter, patents, awards ...)						
6.1							