TRƯỜNG ĐẠI HỌC
SƯ PHẠM KỸ THUẬT TP. HỒ CHÍ MINH
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Ho Chi Minh City, Vietnam
Tel: 028.38961333 - 028.37221223
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SCIENTIFIC CURRICULUM VITAE

1. Personal details

Full name:	Nguyen Thanh Son	Date of birth: 08/07/1963
Academic title:	Doctor of Philosophy	Sex: Male.
Administrative position:	Head of Information system Department	
Department:	Faculty of Information Technology	
Institution:	Ho chi minh City University of Technology and Education	
Address:	73 Street No. 6, Binh Trung Dong Ward, Thu Duc City	
City/prov:	Ho chi minh City	
Telephone:	…………………………………	Cell phone:
Working e-mail:	sonnt@hcmute.edu.vn	
Personal site(s):	GG Scholar:	
	OrcID: ……………………………………………………………..	
	Research gate: ……………………………………………………..	

2. Qualifications:

STT	Years	Academic institutions	Major/Specialty	Academic degree
1	1987-1991	HCM City University of Natural Sciences	Information Technology	Bacholor of Science
2	1996-1999	HCM City University of Natural Sciences	Computer science	Master of Science
3	2010-2014	HCM City University of Technology	Computer science	Doctor of Philosophy

3. Professional experience:

STT	Years	Institution	Professional address	Position
1	1993 - 2003	Ho chi minh City University of Technology and Education	Information Technology	Lecturer
2	2003 - now	Ho chi minh City University of Technology and Education	Information Technology	Lecturer, Head of Information System Department

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

Language	Reading	Writing	Speaking
English	C	C	B
Other language			

5. Expertise and research interests

5.1. Main research orientation: Time series data mining, assosiation rule mining

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	Position/ role in the

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						ranking	project
1						Excellent/ Good…	
2							

5.3. Publications

No	Authors	Year	Publications	Name of **Journal/ Conference**, publishers/ No, Vol, Page	ISSN/ ISBN	Doi/ Link	Notes
1	**Article(s) in WoS-covered journal**						
1.1	Nguyen Thanh Son, Duong Tuan Anh	2016	Discovery of time series k-motifs based on multidimensional index	Knowledge and Information Systems, 46(1)		10.1007/s 10115-014-0814-3	
2	**Article(s) in Scopus-covered journal**						
2.1	Nguyen Thanh Son	2020	Hybridising neural network and pattern matching under dynamic time warping for time series prediction	Int. J. Business Intelligence and Data Mining, Vol. 17, No. 1			
2.2	Nguyen Thanh Son	2017	Pattern matching-based prediction using affine combination of two measures: two are better than one	Int. J. Business Intelligence and Data Mining, Vol. 12, No. 3		10.1504/IJBIDM .2017.10004687	
3	**Article(s) in other international journal**						
3.1							
4	**Article(s) in National scientific journal**						
4.1	Nguyen Thanh Son, Tran Thi Dung	2022	Discovering time series motif using the improved scrimp++ algorithm	HCM City University of Education Journal of Science, vol. 19, no. 3			
4.2	Nguyen Thanh Son	2019	Discovering Time Series	Journal of Technical			

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No	Authors	Year	Publications	Name of Journal/ Conference, publishers/ No, Vol, Page	ISSN/ ISBN	Doi/ Link	Notes
			Discord Based on a Decrete Method	Education Science, HCM City University of Technology and Education, no. 55			
4.3	Nguyen Đang Cam, Nguyen Thanh Son	2019	Evaluating The Effectiveness of Association Rules Mining Algorithms In Parallel Processing Environment	Journal of Technical Education Science, HCM City University of Technology and Education, no. 53			
4.4	Nguyen Thanh Son	2018	Pattern matching under dynamic time warping for time series prediction	HCM City University of Education Journal of Science, vol. 15, no. 3			
4.5	Nguyen Thanh Son	2017	Time Series Discord Discovery Based on R*-tree	HCM City University of Education Journal of Science, Special Issue: Natural Science and Technology, 12(90)			
4.6	Nguyen Thanh Son	2015	Prediction in Time Series using Similarity Search Problem	Journal of Technical Education Science, HCM City University of Technology and Education, No. 32(2015)			
4.7	Nguyen Thanh Son, Duong Tuan Anh	2013	Discovering Approximate k-motifs in a long time series with the support of R*-tree	JOURNAL OF SCIENCE & TECHNOLOGY, Technical Universities No 95/2013			
4.8	Nguyen Thanh Son, Duong Tuan Anh	2011	Clustering time series data represented by MP_C approximation	JOURNAL OF SCIENCE & TECHNOLOGY, Technical Universities. No			

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No	Authors	Year	Publications	Name of **Journal/ Conference**, publishers/ No, Vol, Page	ISSN/ ISBN	Doi/ Link	Notes
				85/2011			
5	**National/International Conference (s)**						
5.1	Nguyen Thanh Son	2020	An improvement of Disk Aware Discord Discovery Algorithm for Discovering Time Series Discord	5th International Conference on Green Technology and Sustainable Development *(GTSD)*, Ho Chi Minh City, Vietnam		10.1109/GTSD50082.2020.9303111	
5.2	Nguyen Thanh Son	2014	Discovering Motifs In Time Series: A Survey	The 2nd International Conference on Green Technology and Sustainable Development.			
5.3	Nguyen Thanh Son, Duong Tuan Anh	2013	Time Series Subsequence Matching based on Middle Points and Clipping	F.L. Gaol (Ed.) Recent Progress in Data Engineering and Internet Technology, Lecture Notes in Electrical Engineering			
5.4	Nguyen Thanh Son, Duong Tuan Anh	2013	Hybridizing Pattern Matching and Neural Network for Time Series Prediction	2013 World Congress on Information and Communication Technologies (WICT 2013)			
5.5	Nguyen Thanh Son, Nguyen Hoai Le and Duong Tuan Anh	2013	Time Series Prediction Using Pattern Matching	International Conference on Computing, Management and TeleCommunications (ComManTel 2013)			
5.6	Nguyen Thanh Son, Duong Tuan Anh	2012	Discovering Time Series Motifs based on Multidimensional Index and Early Abandoning	4th International Conference on Computational Collective Intelligence Technologies and Applications			

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				(ICCCI 2012)			
5.7	Nguyen Thanh Son, Duong Tuan Anh	2012	Discovering Approximate Time Series Motif based on MP_C Method with the support of Skyline Index	the 4th International Conference on Knowledge and System Engineering (KSE 2012)			
5.8	Nguyen Thanh Son, Duong Tuan Anh	2012	Similarity Search in Streaming Time Series based on MP_C Dimensionality Reduction Method	4th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2012)			
5.9	Nguyen Thanh Son, Duong Tuan Anh	2011	Two Different Methods for Initialization the I-k-Means Clustering of Time Series Data	the Third International Conference on Knowledge and System Engineering (KSE 2011)			
5.10	Nguyen Thanh Son, Duong Tuan Anh	2011	Time Series Similarity Search based on Middle Points and Clipping	the 3rd Conference on Data Mining and Optimization (DMO 2011)			
5.11	Nguyen Thanh Son, Duong Tuan Anh	2011	Time Series Subsequence Matching based on a Combination of PIP and Clipping	3rd International Conference on Intelligent Information and Database Systems (ACIIDS 2011)			
5.12	Nguyen Thanh Son, Duong Tuan Anh	2010	An Improvement of PIP for Time series Dimensionality Reduction and Its Index Structure	the Second International Conference on Knowledge and System Engineering (KSE 2010			
6	**Other (monographs, book chapter, patents, awards …)**						
6.1							

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