## **CURRICULUM VITAE**





Full name	Loc Nguyen
Other names	Nguyễn Phước Lộc
	Lục Bát Truyền Nhân
	Huyền Vũ
	Adam Nguyen
Religion	Society of God
Titles	Poet
	Mathematician
	Professor
	Director
	Post-Doctorate
	Doctorate of Philosophy (PhD)
	Doctorate of Medicine (MD)
	Master of Business Administration (MBA)
Date of birth	August 29, 1979
Gender	Male
Citizen of	Vietnam
ORCID	0000-0001-5192-8106
ResearcherID	F-7019-2014
Organization	Loc Nguyen's Academic Network
Нотераде	www.locnguyen.net
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## "Creative man is The Creator"

This is my favorite statement. I am Loc Nguyen, a scientist, a poet and a business man; especially I am very attractive and enthusiastic. Ultimately, I am the creative man. I belief that our wealths are originated from creativeness and our civilization is based on the creativeness. We create our world by ourselves. Therefore, I set up this website in order to introduce myself and share you my creative works in science, technology and art.

Main domains on which I focus include:

- Natural science and technology: computer science, statistics, mathematics, and medicine.
- Social science: education, linguistics, and philosophy.
- Economics: project management and information system.
- Art: poetry.

Do not hesitate to contact me because I am very enthusiastic. My online curriculum vitae is cv.locnguyen.net.

The curriculum vitae has 14 developing sections as follows:

- I. Education
- II. Training Courses
- III. Languages

- IV. Professional Knowledge
- Virtues and Soft Skills V.
- Research and Teaching Experiences VI.
- Working Experiences
  Publications VII.
- VIII.
- IX. **Products and Projects**
- X. Art Works
- XI. Honors and Awards
- XII. Talks and Interviews
- XIII. Activities
  - Scientific Committees
  - **Reviewers and Editors**
  - **Scholar Visitings**
  - Memberships
  - Participations
  - Links
  - **Scientific Metrics**
- XIV. References

# I. Education

1. Education		
09/2009 -	Doctorate of Medicine (MD).	
11/2016	Supervisor: Professor Thu-Hang Thi Ho	
	The research "A Framework of Estimating Fetus Weight and Age" is certified and awarded by Ho	
	Chi Minh City Society for Reproductive Medicine (HOSREM) at the 12th HOSREM Annual	
	Conference held on November 26, 2016, Ho Chi Minh city, Vietnam.	
09/2014 -	Post-Doctorate of Mathematics and Statistics.	
07/2016	The research dissertation composed as the book "Mathematical Approaches to User	
	Modeling" focuses on innovative probabilistic and statistical works applied into user modeling,	
	data mining, and machine learning. It is developed from the PhD research "A User Modeling for	
	Adaptive Learning". It is published in Journals Consortium on July 27, 2015.	
	With this research, Loc Nguyen was named in the <b>Handbook &amp; List of Members - 150th Anniversary Edition</b> of London Mathematical Society as a very big award on May 17, 2016.	
09/2011 -	Post-Doctorate of Computer Science at Sunflower Soft Company, Vietnam.	
11/2013	The dissertation is "A Framework of E-commercial Recommendation Algorithms".	
11/2013	• The research is accepted in the European Project Space and certified by Institute for	
	Systems and Technologies of Information, Control and Communication (INSTICC) on	
	November 13, 2015.	
	It is presented at The 7th International Joint Conference on Knowledge Discovery,	
	Knowledge Engineering and Knowledge Management (IC3K 2015) on November 13,	
	2015, Lisbon, Portugal.	
10/2011 -	Master of Business Administration (MBA) by Australian National	
12/2011	University and PACE Institute of Leadership and Management, Vietnam in collaboration	
12/2011	with Global Development Learning Network (Created by The World Bank).	
	The graduated essay is <i>Essay On Leadership</i> .	
09/2007 -	Doctorate of Computer Science and Education (PhD) at Ho Chi Minh University of Science,	
12/2014	Vietnam.	
12/2011	The dissertation is "A User Modeling for Adaptive Learning".	
	The research is certified by The 2014 World Engineering Education Forum	
	(WEEF2014) at Dubai, UAE, 3 - 6 December 2014.	
	It is awarded as excellent research by Standard Research Journals, Nigeria, August	
	2013.	
	<ul> <li>It is reviewed by Prof. Kinsuk at Athabasca University, Canada, October 2013.</li> </ul>	
	It is presented at Doctoral Consortium of The 4th Conference on Information	
	Technology and Telecommunications (ICTFIT 2012), Ho Chi Minh University of	
	Science, Vietnam.	
	<u>.</u>	

	It is also presented at Doctoral Consortium of The 3rd International Conference on
	Theories and Applications of Computer Science (ICTACS 2010), Can Tho University,
	Vietnam.
	<ul> <li>It is presented at Athabasca University, Canada, November 2009.</li> </ul>
	<ul> <li>It is submitted firstly to Ho Chi Minh University of Science on August 31, 2009,</li> </ul>
	Vietnam.
09/2002 -	Master of Computer Science at Ho Chi Minh University of Science, Vietnam.
01/2005	The dissertation is "An image searching framework combining low-level features and high-level
	semantics contents of images".
09/1997 -	Bachelor of science in Information Technology at Ho Chi Minh University of Science, Vietnam.
09/2001	The thesis is "Building up the tourist information map for Ho Chi Minh city".
1993 -	Master of Theory of Yin-Yang, Book of Changes, and Oriental Astrology by self-education.
1997	

# **II. Training Courses**

05/2017 -	Training course of Christian Books of the New Testament.
01/2018	Society of God.
06/2017	Lean Six Sigma Green Belt Basic Certification granted by Can Tho Obstetrics and Gynecology
00/2017	Hospital, coached by Prof. Lan Nguyen-Pham-Hoang, on June 13, 2017, Can Tho, Vietnam.
10/2016	Completion of the course "Basic Clinical Reproductive Endocrinology" certified by Ho Chi Minh
10/2010	City Society for Reproductive Medicine (HOSREM), with Dr. Mai-Phuong Thi Huynh.
10/2016	Completion of the professional development course "How to Communicate with
10/2010	Congress" certified by American Association for the Advancement of Science (AAAS).
07/2016	Completion of the professional development course "Communicating Science: Fundamentals for
0772010	Public Engagement" certified by American Association for the Advancement of Science
	(AAAS).
05/2016	Completion of the professional development course "Understanding the Federal R&D
	Budget" certified by American Association for the Advancement of Science (AAAS).
05/2016	Completion of the professional development course "Avoiding Common Errors in Proposal
	Writing" certified by American Association for the Advancement of Science (AAAS).
04/2016	Mathematica Certificate - Student Level certified by Wolfram Technology Associate.
01/2016 -	College of Skills Training at Elsevier Publishing Campus.
02/2016	
05/2014 -	Course of Marxism-Leninism, trained by Prof. Dr. Ba-Cuong Nguyen.
08/2014	Hanoi National University of Education, Hanoi, Vietnam.
	Vietnam Academy of Science and Technology, Hanoi, Vietnam.
	University of Social Sciences and Humanities, Hanoi, Vietnam.
11/2013 -	Mathematical courses at Institute of Mathematics - Vietnam Academy of Science and
08/2014	Technology, including 9 subjects such as modern algebra, modern analysis, geometry, probability
	and statistics, differential equation, numeral analysis, complex analysis, discrete mathematics,
	optimization.
11/2013	Autumn school: Stochastic Processes and Applications, Vietnam Institute for Advanced Study in
	Mathematics (VIASM).
09/2013	Developing Businesswoman Leadership Skill.
	Vietnam Chamber of Commerce and Industry (VCCI).
09/2013	Sale Plan Skill.
	EduGlobal Institute, Ho Chi Minh city, Vietnam.
09/2013	Business and Innovation Plan.
	Vietnam Chamber of Commerce and Industry (VCCI).
	Vietnam-Germany University.
08/2013	Negotiation Strategy.
00/2012	Vietnam Chamber of Commerce and Industry (VCCI).
08/2013	Industrial Relations Management.
	Vietnam Chamber of Commerce and Industry (VCCI).
00/2012	The Overseas Human Resources and Industry Development Association (HIDA), Japan.
08/2013	Accounting tax.
07/2012	Vietnam Chamber of Commerce and Industry (VCCI).
07/2013	Negotiation Skills.

	Institute of Management SAM, Ho Chi Minh city, Vietnam.
07/2013	Stock and inventory management.
	Vietnam Chamber of Commerce and Industry (VCCI).
07/2013	Business Plan Skills.
	Institute of Management SAM, Ho Chi Minh city, Vietnam.
04/2013	Bayesian statistics workshop program.
	Ho Chi Minh University of Science, Vietnam.
	Paris Dauphine University, France.
12/2011	Quantitative research methods for social science.
	Vietnam National University, Ho Chi Minh city.
	University of New South Wales, Australia.
11/2011	Real estate assessment.
	The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.
10/2011	Presentation and moderation skills in international scientific conferences.
	Vietnam National University, Ho Chi Minh city.
10/2011	University of New South Wales, Australia.
10/2011	Businessmen in the knowledgeable economic age.
00/2011	Be Training Organization, Vietnam.
09/2011	Production management for small & medium business.
00/2011	Institute of Management SAM, Ho Chi Minh city, Vietnam.
08/2011	Internet Marketing.
05/2011	The Internet Marketing Center, Ho Chi Minh city, Vietnam.
07/2011	Enterprise Accounting.
	Institute of Human Resource Development, University of Economics, Ho Chi Minh city,
05/2011	Vietnam.
05/2011	A Short Course on Algorithmic Group Testing by Prof. Quoc-Hung Ngo and Prof. Ky-Nam
	Nguyen.
12/2010	Ho Chi Minh University of Technology, Vietnam.
12/2010	Applied statistics in science research.  Ho Chi Minh University of Technology, Vietnam.
	University of New South Wales, Australia.
2010	A Course of Mathematical Modeling and Simulation by Prof. Minh-Man Van Nguyen - Ho Chi
2010	Minh University of Technology, Vietnam.
2010 -	Courses of Meditation (Zen) and Indian Philosophy by Prof. Kim-Hung Thi Nguyen - Inner Space
2013	Center.
2013	Courses of Buddhism, Meditation, and Philosophy by Prof. Ngoc-Trai Phan, Prof. Vui Thi
	Le, Prof. Hoai-Van Nguyen, Prof. Tuong-Bach Nguyen, Prof. Dinh-Hy Trinh, and more at Leu-
	Chong Zen Club and Tue-Tam Clinic.
2009 -	Courses of Medicine and Pharmacology by Prof. Trung-Hung Phung - Ho Chi Minh City
2013	Medicine and Pharmacy University.
08/2006	Certificate of National Defense Cultivation.
25, 250	An Giang University, Vietnam.
1993 -	Theory of Eastern Military.
1997	Self-education.
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# III. Languages

Vietnamese	Mother language.
English	Professional level.
Chinese	Basic level.

# IV. Professional Knowledge

**Computer science**: Expert in following scientific domains:

- Excellent at algorithm and solving problems.
- Specialist of software engineering.
- Specialist of Bayesian network and hidden Markov model.
- Specialist of support vector machine.

- Database fundamental and database design.
- Artificial intelligence, especially, evolution genetic algorithm, recognition, fuzzy logic, fuzzy set, rough set, neural network.
- Machine learning.
- User modeling and user profiling.
- Adaptive system and personalization system.
- Recommendation system, especially collaborative filtering.
- Data mining and text mining, especially association rules, classification, clustering.
- Data analysis.
- Image processing and image retrieval.
- Computer graphics and geometry.
- Information retrieval, search engine and information extraction.
- Open source portal and web OS.
- E-learning and educational science.
- Analyze and design information system.
- Distributed database.
- Cryptography.
- Compiler and programming language processing.
- Functional programming.
- Geographic Information System (GIS).

## Computer technologies: Proficient in following technologies:

- Expert at programming languages: Java, .NET, C/C++, PHP, F#, R, etc.
- Very good at software architecture.
- Network and web programming.
- Desktop and windows applications.
- Graphic programming and real-time system: OpenGL, DirectX, XNA, etc.
- Content management system (CMS).
- Business and commerce system, business process.
- Middleware system.
- Mobile applications such as J2ME, Android.
- Database, SQL language, database design.
- Database management system such as MySQL, Oracle, Derby, SQL Server, etc.
- Software engineering such as UML, software project management, etc.
- Enterprise resource planning (ERP), accounting system.
- System driver development.
- Industrial robotics kinematics and dynamics.
- Electronic healthcare system.
- Mathematica software with Wolfram language.

Statistics: Expert at Bayesian inference, parameter estimation and hypothesis testing.

**Mathematics**: Specialist of mathematics; especially, probability, linear algebra, numerical analysis, optimization, approximation, and discrete mathematics.

**Medicine**: Expert in meditation (Zen) and statistical medicine. Good knowledge at Oriental medicine, obstetric ultrasonics, gynaecology, and obstetrics.

**Social science**: Specialist of education, linguistics, and philosophy. Expert in Theory of Yin-Yang, Book of Changes, and Oriental astrology. Good knowledge at history, religion, politics, military, strategics, Zen, leadership, Buddhism, Confucianism, Taoism, Marxism, psychology, and negotiation.

**Economics**: Specialist of project management. Good knowledge at accounting, finance, and business management.

**Art**: I am a poet. Good knowledge at literature and music.

## V. Virtues and Soft Skills

Following are my best virtues:

- Commitment and loyalty are my greatest virtues. I always work in enthusiastic spirit and treat everyone by the same respectful manner.
- Be creative and always desire to invent new product.
- Be enthusiastic and always help people with pleasure and harmonious to join team work.
- Having keen intelligence and excellent ability to solve problem with fastest speed and highest accuracy.
- Having strategic mind and excellent organizational skill. I have the general view of problem, estimate the process and draw the best solution. I also have the detailed view of problem and always make plan before doing anything. For me, strategy is the intelligent way to achieve the goal and organizational skill is the combination of task assignment and co-operation.
- Having very good interpersonal skill and ability to persuade other persons.
- Having very good time management skill, scheduling everything in scientific method and having ability to do many things at the same time without confusion.
- Having good decision-making ability.
- Be patient, be clear-sighted, be brave, do always keep calm and be ready to sacrifice for his love persons.
- Keen on understanding and reviewing scientific problems.
- Having an excellent aptitude of art, especially poetry.

# VI. Research and Teaching Experiences

**Research experiences** 

Research experiences		
03/2018 -	Researcher with the scientific project "REM - Regression models based on expectation	
09/2018	maximization algorithm" mentioned in the section Products and Projects at Loc Nguyen's	
	Academic Network.	
04/2015 -	Writing the book "Matrix Analysis and Calculus" which is the product mentioned in	
12/2015	section Products and Projects. The book is the survey of matrix analysis and calculus.	
2015 -	Lead Guest Editor of Special Issue "Some Novel Algorithms for Global Optimization and Relevant	
2017	Subjects", Applied and Computational Mathematics Journal, Science Publishing Group. The issue	
	focuses on global optimization which means that how to find out the global peak over the whole	
	function. The issue is mentioned in section Products and Projects.	
2014 -	Writing the first edition of the book "Mathematical Approaches to User Modeling" which is the	
2015	product mentioned in section Products and Projects. The book introduces my innovative	
	mathematical works applied into user modeling.	
11/2013 -	Visiting researcher at Institute of Mathematics - Vietnam Academy of Science and Technology.	
11/2014	The resulted project is "Approximation of analytic function" (2014), mentioned in	
	section Products and Projects.	
11/2011 -	Research, design, implement and test scientific projects at Sunflower Soft Company, Vietnam.	
08/2017	The projects are mentioned in section Products and Projects.	
2011 -	Researcher with the scientific project "Phoebe - A framework of estimating fetus weight and	
2013	age" mentioned in the section Products and Projects at Sunflower Soft Company, Vietnam.	
2010 -	Research consultant at TMA Solution Company, Ho Chi Minh city, Vietnam.	
2011		
2007 -	Researcher with the scientific project "Zebra - A User Modeling System for Adaptive	
2009	Learning" mentioned in the section Products and Projects at Ho Chi Minh University of Science,	
	Vietnam.	
2005 -	Designing and composing Oracle course and Java course at An Giang University, Vietnam.	
2007	Researching and developing educational software at An Giang University, Vietnam.	
2003 -	Researcher with the scientific project "AGmagic - An image searching framework" mentioned in	
2005	the section Products and Projects at Center of Information Technology Development, Ho Chi	
	Minh city, Vietnam.	

#### **Teaching Experiences**

	05/2017 -	PhD dissertation examiner of National College of Business Administration & Economics, Lahore,
	now	Pakistan.
ĺ	2012 -	Support to Prof. Dr. Minh-Phung Thi Do, when she did her PhD research at Ho Chi Minh
	2013	University of Information Technology, Vietnam.

2008	-	Lecturer at Ho Chi Minh University of Science, Vietnam.
2009		
2008		Supervisor to Ms. Quynh-Anh Thi Hoang and Ms. Lieu Thi Hoang with their bachelor thesis
		"Web operating system research and application" at Ho Chi Minh University of Science,
		Vietnam.
2008		Supervisor to Mr. Tai Van Nguyen and Ms. Kim-Dung Thi Nguyen with their bachelor thesis
		"Research and application to SOA architecture with J2EE platform" at Ho Chi Minh University
		of Science, Vietnam.
2005	-	Lecturer at An Giang University, Vietnam.
2007		Supervisor of Mr. Teo Van Tran with his bachelor thesis at An Giang University, Vietnam.
		Adviser of Mr. Jesse Beckingham, Germany at An Giang University, Vietnam.

# VII. Working Experiences

	rking Experiences
11/2017 -	Independent Scholar at Loc Nguyen's Academic Network.
now	
11/2016 -	Volunteering as Quality Assurance (QA) analyst for the project "Survey Sampling Design and
01/2017	Analysis" of Millennium Promise Alliance.
11/2016 -	President of Ho Chi Minh City Branch of International Engineering and Technology Institute
11/2017	(IETI), Hong Kong.
06/2016 -	Professor of International Journal of Applied Mathematics and Machine Learning and Science
now	Publishing Group (SciencePG).
03/2016 -	Fellow of Royal Statistical Society.
03/2017	
09/2015 -	Poet at AllPoetry.
now	
03/2015 -	Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group
07/2017	(SciencePG).
04/2014 -	Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH &
12/2015	Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in
	section Products and Projects.
03/2015 -	Volunteering in Quality Assurance Committee of Statistics Without Borders.
now	
2014 -	Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the
2016	book "Mathematical Approaches to User Modeling" which is the product mentioned in
	section Products and Projects.
05/2014 -	Serving as reviewer and editor in a wide range of international journals and conferences listed in
now	the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.
2014 -	Writing scientific books at Sunflower Soft Company, Vietnam.
08/2017	
10/2011 -	Director at Sunflower Soft Company, Vietnam as director with duties: researcher, software
08/2017	architecture, programming, administration, human resource and finance. Main area focuses on
2010	scientific project and data analysis.
2010 -	Working at TMA Solution Company, Ho Chi Minh city, Vietnam as consultant with duties:
2011	researching and developing software. Main areas include programming CMS system, system
•	driver, language processing, computer graphics, game, and mobile.
2008 -	Working at following companies:
2009	Working at Ho Chi Minh University of Science, Vietnam as lecturer in Information
	Technology Department.
	Working at Bixon Company as senior developer in programming on data integration
	software.
	Working at SECUDE Company as senior developer with duty: developing the GUI so
	called Management Console for manipulating Smart Card (co-operate with another
	person). My main duties were to build up MVC model and write basic functions. This
	software allows administrator to store, search and manage information in smart card. I
•	also develop encryption functions.
2006 -	Researching at IMPACT company, Ho Chi Minh city, Vietnam.
2007	

2005	-	Working at An Giang University, Vietnam as researcher and lecturer with duties:
2007		• Lecturing at the Information Technology Department of An Giang University, Vietnam.
		Developing educational software at the library of An Giang University, Vietnam as
		software developer and team leader.
		<ul> <li>Deputy Secretary of Youth Union and Chairman of Informatics Club.</li> </ul>
2002	-	Working at Center of Information Technology Development, Ho Chi Minh city, Vietnam as
2005		software developer and lecturer.
2005		Directorate Board Member of CLD software company.
2001	-	Working at WorldSoft Company, Vietnam as DirectX programmer for the project of surveying
2002		passenger luggage through X-ray tube at airport.
1993	-	On development of literature career by composing poems. These poetry writings are listed in
now		section Art Works.
1993	-	Volunteering as Oriental Astrologer.
1997		

## **VIII. Publications**

### **Science and technology - Articles**

- Nguyen, L., & Ho, Thu-Hang T. (2018, May 7). Early Fetal Weight Estimation with Expectation Maximization Algorithm. (T. Schmutte, Ed.) Experimental Medicine (EM), 1(1), 12-30. doi:10.31058/j.em.2018.11002
- 2. Nguyen, L., Do, M.-P. T. (2018, January 18). *A Novel Collaborative Filtering Algorithm by Bit Mining Frequent Itemsets*. PeerJ Preprints, 6(e26444v1). doi:10.7287/peerj.preprints.26444v1
- 3. Nguyen, L. (2018, January 17). A Maximum Likelihood Mixture Approach for Multivariate Hypothesis Testing in case of Incomplete Data. Open Science Framework (OSF) Preprints. Retrieved from http://osf.io/whyq8
- 4. Nguyen, L. (2018, January 17). *Nonparametric Hypothesis Testing Report*. Open Science Framework (OSF) Preprints. Retrieved from http://osf.io/tj9cf
- 5. Nguyen, L. (2017, November 2). Converting Graphic Relationships into Conditional Probabilities in Bayesian Network. In J. P. Tejedor, & J. P. Tejedor (Ed.), Bayesian Inference (pp. 97-143). Rijeka, Croatia: InTech. doi:10.5772/intechopen.70057
- Nguyen, L. (2017, April 24). A Proposal of Loose Asymmetric Cryptography Algorithm. Proceedings of The 2nd International Conference on Software, Multimedia and Communication Engineering (SMCE 2017), DEStech Transactions on Computer Science and Engineering (pp. 414-422). Shanghai: DEStech. doi:10.12783/dtcse/smce2017/12462
- 7. Nguyen, L. (2017, June 9). *Global Optimization with Descending Region Algorithm*. (L. Nguyen, & et al., Eds.) Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects", Applied and Computational Mathematics (ACM), 6(4-1), 72-82. doi:10.11648/j.acm.s.2017060401.17
- 8. Nguyen, L., & Ho, Thu-Hang T. (2017, March 13). *Experimental Results of Phoebe Framework: Optimal Formulas for Estimating Fetus Weight and Age*. (H. J. Shaji, M. C. Portillo, & M. M. Zdanowicz, Eds.) Journal of Community & Public Health Nursing, 3(2), 1-5. doi:10.4172/2471-9846.1000163
- Nguyen, L. (2016, October 31). Beta Likelihood Estimation in Learning Bayesian Network Parameter. In United Scholars Publications (Author), Advances in Computer Networks and Information Technology (Vol. II). USA: CreateSpace Independent Publishing Platform. Retrieved from https://goo.gl/R4dwrf
- 10. Nguyen, L. (2016, October 18). *Estimating Peak Bone Mineral Density in Osteoporosis Diagnosis by Maximum Distribution*. International Journal of Clinical Medicine Research (IJCMR), 3(5), 76-80. Retrieved from http://www.aascit.org/journal/archive2?journalId=906&paperId=4532
- 11. Nguyen, L. (2016, August 18). A New Aware-context Collaborative Filtering Approach by Applying Multivariate Logistic Regression Model into General User Pattern. (F. Shi, Ed.) Journal of Data Analysis and Information Processing (JDAIP), 4(3), 124-131. doi:10.4236/jdaip.2016.43011
- 12. Nguyen, L. (2016, June 17). Longest-path Algorithm to Solve Uncovering Problem of Hidden Markov Model. (L. Nguyen, & M. A. MELLAL, Eds.) Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects", Applied and Computational Mathematics (ACM), 6(4-1), 39-47. doi:10.11648/j.acm.s.2017060401.13
- 13. Nguyen, L. (2016, June 17). *Tutorial on Hidden Markov Model*. (L. Nguyen, & M. A. MELLAL, Eds.) Special Issue "*Some Novel Algorithms for Global Optimization and Relevant Subjects*", Applied and Computational Mathematics (ACM), 6(4-1), 16-38. doi:10.11648/j.acm.s.2017060401.12

- 14. Nguyen, L. (2016, June 17). *Tutorial on Support Vector Machine*. (L. Nguyen, & M. A. MELLAL, Eds.) Special Issue "*Some Novel Algorithms for Global Optimization and Relevant Subjects*", Applied and Computational Mathematics (ACM), 6(4-1), 1-15. doi:10.11648/j.acm.s.2017060401.11
- 15. Nguyen, L. (2016, June 10). *Continuous Observation Hidden Markov Model*. (M. G. De Garcia, Ed.) Kasmera Journal, 44(6), 65-149.
- Nguyen, L. (2016, April 27). Beta Likelihood Estimation and Its Application to Specify Prior Probabilities in Bayesian Network. (H. M. Srivastava, P. Bracken, R. Jedynak, anonymous, & S. Zimeras, Eds.) British Journal of Mathematics & Computer Science, 16(3), 1-21. doi:10.9734/BJMCS/2016/25731.
- 17. Nguyen, L. (2016, April 8). *New version of CAT algorithm by maximum likelihood estimation*. (B. N. Buszewski, Ed.) Sylwan Journal, 160(4), 218-244.
- 18. Nguyen, L. (2016, March 28). *Theorem of SIGMA-gate Inference in Bayesian Network*. (V. S. Franz, Ed.) Wulfenia Journal, 23(3), 280-289.
- 19. Nguyen, L. (2016, February). Specifying Prior Probabilities in Bayesian Network by Maximum Likelihood Estimation method. (B. N. Buszewski, Ed.) Sylwan Journal, 160(2), 281-298.
- Nguyen, L., & Ho, H. (2015, November 23). A proposed method for choice of sample size without predefining error. (F. Shi, Ed.) Journal of Data Analysis and Information Processing (JDAIP), 3(4), 163-167. doi:10.4236/jdaip.2015.34016
- Nguyen, L., Do, M.-P. T. (2015, November 13). Hudup: A Framework of E-commercial Recommendation Algorithms. In A. Fred, J. Dietz, D. Aveiro, K. Liu, & J. Filipe (Ed.), Final Program and Book of Abstracts of The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) (p. 56). Lisbon: SCITEPRESS. Retrieved from https://goo.gl/BQaEcm
- 22. Nguyen, L. (2015, November 13). *A New Approach for Collaborative Filtering based on Bayesian Network Inference*. The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. 1: KDIR (IC3K-2015), pp. 475-480. Lisbon, Portugal: SCITEPRESS Science and Technology Publications, Lda. doi:10.5220/0005635204750480
- 23. Nguyen, L. (2015, October 9). An Advanced Approach of Local Counter Synchronization in Timestamp Ordering Algorithm in Distributed Concurrency Control. (N. John, Ed.) Open Access Library Journal (OALib Journal), 2(10), 1-5. doi:10.4236/oalib.1100982
- 24. Nguyen, L. (2015, September 28). *Introduction to A Framework of E-commercial Recommendation Algorithms*. (A. e. Shabayek et al., Eds.) American Journal of Computer Science and Information Engineering (AJCSIE), 2(4), 33-44. Retrieved from http://www.aascit.org/journal/archive2?journalId=912&paperId=1894.
- 25. Nguyen, L. (2015, January 22). *A User Modeling System for Adaptive Learning*. In S. Schreiter (Ed.), The 2014 International Conference on Interactive Collaborative Learning (ICL 2014) (pp. 864-866). The 2014 World Engineering Education Forum (WEEF2014), Dubai, UAE: IEEE. doi:10.1109/ICL.2014.7017887
- 26. Nguyen, L., & Ho, H. (2015, January 12). *A fast computational formula for Kappa coefficient*. (A. Genc, S.-A. Xue, R. Rison, & V. Rocha, Eds.) Science Journal of Clinical Medicine (SJCM), 4 (1), 1-3. doi:10.11648/j.sjcm.20150401.11
- 27. Nguyen, L. (2015, January 10). Feasible length of Taylor polynomial on given interval and application to find the number of roots of equation. (A. Moustafa et al., Eds.) International Journal of Mathematical Analysis and Applications, 1 (5), 80-83. Retrieved from http://www.aascit.org/journal/archive2?journalId=921&paperId=1017
- 28. Nguyen, L. (2014, December 6). *Evaluating Adaptive Learning Model*. The 2014 International Conference on Interactive Collaborative Learning (ICL 2014) (pp. 818-822). Dubai, UAE: IEEE. doi:10.1109/ICL.2014.7017878
- 29. Nguyen, L. (2014, October 21). *Improving analytic function approximation by minimizing square error of Taylor polynomial*. (A. Moustafa et al., Eds.) International Journal of Mathematical Analysis and Applications, 1 (4), 63-67. Retrieved from http://www.aascit.org/journal/archive2?journalId=921&paperId=1016
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# IX. Products and Projects

#### **Science and Technology**

1. REM - Regression models based on expectation maximization algorithm (2018, September).

Type Research project

Abstract The project implements regression models based on expectation maximization (EM)

algorithms in case of missing data.

Identifiers

Organizations Operating agency: Loc Nguyen's Academic Network.

Funding agency: Prof. Dr. Thu-Hang Thi Ho

Award agency: International Technology and Science Publications (ITS).

Members: Loc Nguyen, Thu-Hang Thi Ho.

Role Leader Amount 1,600\$

Duration 03/2018 - 09/2018

Links https://github.com/ngphloc/rem

#### 2. The book "Matrix Analysis and Calculus" (2015, December 15).

Type Book

Abstract Statistics, multivariate data analysis and convex optimization are applied widely in

many scientific domains and most analytical techniques are developed based on matrix analysis and matrix calculus because matrix is abstract representation of multivariate data. Although it is slightly confused for us to comprehend their concepts and theories, matrix analysis and calculus give us exciting results which enhance data analysis techniques to be more plentiful and accurate. So the report is survey of matrix analysis and calculus, which includes five main sections such as basic concepts, matrix analysis, matrix derivative, composite derivative, and applications of matrix. Matrix derivative and composite derivative are subjects of

matrix calculus.

Keywords: Matrix Algebra, Matrix Analysis, Matrix Calculus.

Identifiers ISBN-13: 978-3-659-69400-4, ISBN-13: 978-3-659-69400-4

EAN: 9783659694004 Number of pages: 72

Organizations Operating agency: Sunflower Soft Company, Vietnam.

Awarding agency: LAMBERT Academic Publishing - a trademark of OmniScriptum

GmbH & Co. KG. Editor: Carolyn Evans.

Members: Loc Nguyen.

Role Author Amount 100\$

Duration 01/2014 - 12/2015

Links https://www.shuyuan.sg/store/gb/book/matrix-analysis-and-calculus/isbn/978-3-

659-69400-4

#### 3. Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects" (2017, July).

Type Special Issue

Abstract We always t

We always try our best to create best results but how we can do so? Mathematical optimization is a good answer for above question if our problems can be modeled by mathematical model. The common model is analytic function and it is very easy for us to know that optimization becomes finding out extreme points of such function. The issue focuses on global optimization which means that how to find out the global peak over the whole function. It is very interesting problem because there are two realistic cases as follows:

- We want to get the best solution and there is no one better than this solution
- Given a good solution, we want to get another better solution.

However, global optimization is also complicated because it is relevant to other mathematical subject such as solution existence and approximation. The issue also mentions these subjects. Your attention please, the issue focuses on algorithms and

applied methods to solve problem of global optimization. Thus, theoretical aspects

relevant to functional analysis are mentioned very little.

In Applied and Computational Mathematics (ACM).

ISSN online: 2328-5613, ISSN print: 2328-5605, Open Access.

Editors: Abbdul-Sattar Jaber Al-Saif and more. Editors of Special Issue: Loc Nguyen and his group.

Publisher: Science Publishing Group.

Identifiers

Organizations Funding agency: Sunflower Soft Company, Vietnam.

Awarding agency: Science Publishing Group.

Members: Loc Nguyen and his group.

Role Leader Guest Editor

Amount 5,000\$ Duration 2015 - 2017

Links http://www.sciencepublishinggroup.com/specialissue/147012

4. The first edition of the book "Mathematical Approaches to User Modeling" (Accepted on 2015, January 4).

Type Book

Abstract The first edition of the book "Mathematical Approaches to User Modeling" is

developed from the PhD dissertation "A User Modeling for Adaptive Learning" aforementioned in section Education. It was accepted on 4th January 2015 by Scientific Research Publishing (SCIRP) and finished on 13rd July 2016 but it is not published yet. Following is the abstract of the User model is description of user's information and characteristics in abstract level. User model is very important to adaptive software which aims to support user as much as possible. The process to construct user model is called user modeling. As the title suggests, the book focuses on mathematical approaches to user modeling. The book includes seven main chapters:

- Chapter I is a survey of user model, user modeling, and adaptive learning.
- Chapter II introduces the general architecture of the proposed user modeling system Zebra and Triangular Learner Model (TLM).
- Chapter III, IV, V describes three sub-models of TLM such as knowledge sub-model, learning style sub-model, and learning history sub-model in full of mathematical formulas and fundamental methods. These are the most important chapters.
- Chapter VI gives some approaches to evaluate TLM and Zebra.
- Chapter VII summarizes the research and discusses future trend of Zebra.

The whole book is available at

http://mum.locnguyen.net

In general, the first difference of the book is to introduce my innovative works in mathematics, probability, user modeling, machine learning, data mining, and adaptive learning. The second difference is that the user modeling system Zebra is implemented as computer software associated to the book, available at:

http://zebra.locnguyen.net

Moreover, examples, mathematical formulas, and mathematical models inside the book are implemented separately and integrated into another computer software.

Identifiers

Organizations Operating agency: Sunflower Soft Company, Vietnam.

Awarding agency: Scientific Research Publishing (SCIRP).

Members: Loc Nguyen.

 Role
 Author

 Amount
 24,000\$

 Duration
 2014 - 2016

Links http://mum.locnguyen.net

5. The mathematical research "**Approximation of analytic function**" (2014).

*Type* Research articles

Abstract The research proposes two approaches to approximate a given analytic function

based on Taylor polynomial. The research produces two papers "Improving analytic

function approximation by minimizing square error **Taylor** polynomial" and "Feasible length of Taylor polynomial on given interval and application to find the number of roots of equation" aforementioned in

section Publications.

Identifiers

Organizations Funding agency: Sunflower Soft Company, Vietnam.

Academic agency: Institute of Mathematics - Vietnam Academy of Science and

Technology.

Members: Loc Nguyen.

Author Role 200\$ Amount

10/2013 - 08/2014 Duration

http://www.aascit.org/journal/archive2?journalId=921&paperId=1017. Links

http://www.aascit.org/journal/archive2?journalId=921&paperId=1016.

#### Hudup - A framework of e-commercial recommendation algorithms (2013).

Type Abstract Research project and middleware

Recommendation algorithm is very important for e-commercial websites when it can recommend online customers favorite products, which results out an increase in sale revenue. I propose the framework of e-commercial recommendation algorithms. This is a middleware framework or "operating system" for e-commercial recommendation system, which support scientists and software developers build up their own recommendation algorithms based this framework with low cost, high achievement and fast speed. Moreover, two inventive algorithms for collaborative filtering based on mining maximum frequent set and Bayesian network are built inside the framework.

This project is accepted in the European Project Space on November 2015, Lisbon, Portugal. It is also my postdoctoral research in computer science, aforementioned in

section Education.

**Identifiers** 

Operating agencies: Sunflower Soft Company, Vietnam and Ho Chi Minh **Organizations** 

> University of Information Technology represented by Prof. Dr. Minh-Phung Thi Do Awarding agency: Vietnam Chamber of Commerce and Industry (VCCI).

Members: Loc Nguyen, Minh-Phung Thi Do.

Role Leader 76,000 Amount Duration 2011 - 2013

http://www.hudup.net Links

## Phoebe - A framework of estimating fetus weight and age (2013).

Research project Type

The project builds up a framework to estimate fetal weight and age via ultrasound Abstract measures. In general, this project has two objectives:

- Proposing an effective algorithm which produces highly accurate formulas. This algorithm is a heuristic approach that always results in optimal formulas by the fastest way.
- Introducing a framework that sets up the new algorithm in first goal and builds up a statistical tool which supports physicians and researchers in birth estimation domain. Moreover, physicians and researchers can discover new estimate formulas by themselves.

Note that I did the medical doctor research based on this project with the supervisor Prof. Ho, Thu-Hang T., aforementioned in section Education. The project is awarded and certified by Ho Chi Minh City Society for Reproductive Medicine (HOSREM) on November 2016, Vietnam.

Identifiers

Organizations Operating agency: Sunflower Soft Company, Vietnam.

Funding agency: Vinh Long General Hospital, Ministry of Health, Vietnam,

pepresented by Prof. Dr. Thu-Hang Thi Ho Members: Loc Nguyen, Thu-Hang Thi Ho.

Role Leader Amount 1,400\$ 2011 - 2013 Duration

http://phoebe.locnguyen.net Links

#### 8. Zebra - A User Modeling System for Adaptive Learning (2009).

Type PhD dissertation

Abstract This research proposes a learner model that consists of three essential kinds of

information about learners such as knowledge, learning style and learning history. Such three characteristics form a triangle and so this learner model is called Triangular Learner Model (TLM). The ideology of TLM is that user characteristics are various and only some information is really necessary to adaptive learning and an optimal user modeling system should choose essential information relating to user's study to build up learner model. According to this ideology, TLM will cover the whole of user's information required by learning adaptation process and give the best support to adaptive learning. Moreover, TLM emphasizes on the inference mechanism by applying Bayesian network and Markov model into modeling user knowledge and learning style. Intelligent deduction is the best feature of TLM instead of providing user information only as normal user modeling system.

This project is also my PhD research in computer science and education, aforementioned in section Education. It is certified by The 2014 World Engineering Education Forum (WEEF2014) on December 2014, Dubai, UAE.

Identifiers

**Organizations** Operating agency: Individual and Prof. Dr. Bich-Thuy Thi Dong.

Academic agency: Ho Chi Minh University of Science, Vietnam.

Members: Loc Nguyen, Bich-Thuy Thi Dong.

Role Leader

Amount

2007 - 2009 Duration

http://zebra.locnguyen.net. Links

#### AGmagic - An image searching framework (2005).

Type Master dissertation

Abstract The research build up the image searching framework named AGmagic. The

framework AGmagic uses the method Markov Model Mediator proposed by Professors Mei-Ling Shyu, Shu-Ching Chen, Min Chen, Chengcui Zhang, Kanoksri Sarinnapakorn to combine low-level features and high-level semantics contents of images in order to find images. Low-level features were extracted from segmentation, color histogram, color gradient, centroid. High-level semantic contents learned from user feedback are measures that reflect personal subjective feeling about the similarity among images. The combination of low-level features and high-level semantic contents gives out excellent result in searching images. Moreover AGmagic framework implements very successfully the segmentation

algorithm proposed by Prof. Cao-Van Doan.

AGmagic is also my master dissertation in computer science, aforementioned in

section Education.

Identifiers

Organizations Operating agency: Individual and Prof. Cao-Van Doan.

Funding agency: Ho Chi Minh University of Science, Vietnam and An Giang

University, Vietnam.

Members: Loc Nguyen, Cao-Van Doan.

Role Leader

Amount

Duration 2002 - 2005

Links http://agmagic.locnguyen.net

### 10. Design - Implementation of database algebra algorithms (2004).

Computer software Type

Abstract The software *Design* implements most algorithms of database algebra, version 1.0

copyright 2000, which is developed when I was studying the subject "Database Design" with Prof. Dr. Diem-Tien Thi Nguyen at University of Science. The version 2.0 is issued in 2004 at the Center of Information Technology Development, now known as Ho Chi Minh University of Information Technology, Vietnam National University. Software Design is written in Microsoft Visual C++ 6.0. The next version will support operating directly on databases such as MS Access, MS SQL Server,

MySQL, Oracle and has more enhanced functions.

Identifiers

Organizations Operating agency: Individual.

Academic agency: Ho Chi Minh University of Science, Vietnam with the supervisor

Prof. Dr. Diem-Tien Thi Nguyen

Members: Loc Nguyen.

Role Leader

Amount

Duration 2000 - 2004

Links http://design.locnguyen.net

## X. Art Works

#### **Poetry Writings**

I have an excellent aptitude of art, especially poetry. I have composed around 291 poems and a verse story, many of which are masterpieces. Followings are verse collections.

- 1. The eighth literary work is the collection of 47 poems "Ve" (2016 2018).
- 2. The seventh literary work is the collection of 52 poems "Viêt tiếp thơ ơi" (2011 2016).
- 3. The sixth literary work is the collection of 4 poems "华语" written in Chinese (2013 now).
- 4. The fifth literary work is the collection of 40 poems "Lai chưa đặt tên" (2010 2011).
- 5. The fourth literary work is the collection of 50 poems "Chwa đặt tên" (2009 2010).
- 6. The third literary work is the collection of 55 poems "Ca dao blog" (2008 2009).
- 7. The second literary work is the verse story "Luc Kiều thời @" (2007 2008).
- 8. The maiden literary work is the collection of 55 poems "**Tặng**" (1993 2007). This maiden collection is awarded to be published in Tre Publishing House, Ho Chi Minh city, Vietnam, November 13, 2007 with the editor: Poet Sy-Sau Pham.

#### **Music Albums**

- 1. The third album is "Chiếc Lá Hồng" (2018). The album includes 11 songs by the famous artist: NSUT (Meritorious Artist) Mộng Thu.
- 2. The second album is "Luc Bát Truyền Nhân" (06/2015). The album includes 11 songs by famous artists: NSUT (Meritorious Artists) Hồng Vân, Lệ Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long.
- 3. The first album is "**Tặng**" (2007). The album includes 13 songs by famous artists: *NSUT* (*Meritorious Artists*) Hồng Vân, Bích Ngọc, Lê Hương, Ngô Đình Long.

## **XI.** Honors and Awards

Date	Honors and awards
10/2017	Scientific biography was published in The 9th International Conference on Engineering and
	Business Management (EBM 2018), held on March 23 - 25, 2018 at Guilin, China.
10/2017	Joining The 2017 Training and Research Result Conference of National Foundation for Science
	& Technology Development (NAFOSTED), held on October 6, 2017 at Hanoi, Vietnam, together
	with Mrs. Bich-Ngoc Tran.
08/2017	Joining The 2017 International Blending Christian Conference, held on August 11-13, 2017 at
	Bangkok, Thailand.
07/2017	Awarded Certificate of Excellence in Reviewing by SCIENCEDOMAIN international.
06/2017	Medal of Lean Six Sigma Green Belt granted by Can Tho Obstetrics and Gynecology Hospital,
	coached by Prof. Lan Nguyen-Pham-Hoang, on June 13, 2017, Can Tho, Vietnam.
05/2017	Reviewer Certificate awarded by Computational Intelligence.

05/2017 -	NSUT (Meritorious Artist) Mộng Thu chanted two poems "Thơ Tình" and "Vườn Thơ" in the
07/2017	collection "Viết Tiếp Thơ Oi", sponsored by Director Kieu-Tien Thi Quach on May 2017
	NSUT (Meritorious Artist) Mộng Thu chanted the poem "Mê Mẩn" in the collection "Vẽ", for
	Mrs. Bich-Ngoc Tran on July 2017.
04/2017	Prof. Dr. Thu-Hang Thi Ho granted fund \$1000 for publishing the article "Experimental Results
04/2017	of Phoebe Framework: Optimal Formulas for Estimating Fetus Weight and Age" in Journal of
04/0017	Community & Public Health Nursing
04/2017	Award of publishing two free papers per year of each editorial board member after getting
	acceptance, granted by PAK Publishing Group.
03/2017	Was invited to serve as a General Chair of 2017 2nd International Conference on Software,
	Multimedia and Communication Engineering (SMCE2017), held on April 23 - 24, 2017,
	Shanghai, China.
12/2016	Certificate Of Excellence in Reviewing by International Journal for Innovative Research in
	Science & Technology (IJIRST).
12/2016	Delegate at The 2016 National Menopause Congress with Dr. Mai-Phuong Thi Huynh on
	December 10, 2016, Vung Tau, Vietnam.
11/2016	Awarded Doctorate of Medicine for the work "A Framework of Estimating Fetus Weight and
11,2010	Age" by Ho Chi Minh City Society for Reproductive Medicine (HOSREM) at the 12th HOSREM
	Annual Conference. Chief Examiner: Prof. Dr. Ngoc-Phuong Thi Nguyen.
09/2016	Received Elsevier Reviewer Recognition Award for Journal of Innovative Food Science and
09/2010	Emerging Technologies.
00/2016	
09/2016	Life Member of American Association for Science and Technology (AASCIT) with a large
00/2011	amount of budget for publishing three scientific articles within three years.
08/2016	Senior Member of Information Processing Society of Japan (IPSJ).
08/2016	Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).
08/2016	Certificate to reviewer awarded by Global Research and Development Journals.
08/2016	Senior Member and President of Ho Chi Minh City Branch of International Engineering and
	Technology Institute (IETI), Hong Kong.
08/2016	Granted as complimentary member of Science Advisory Board that is global expert network to
	advance science and medical technology.
07/2016	Granted fund \$700 for abstracting the scientific project "Phoebe - A framework of estimating fetus
	weight and age" in the 2016 Medical Informatics Conference by Vinh Long General
	Hospital, Vietnam Ministry of Health, represented by Prof. Dr. Thu-Hang Thi Ho.
06/2016	Awarded as Professor of International Journal of Applied Mathematics and Machine
00/2010	Learning and Science Publishing Group (SciencePG).
05/2016	Good evaluation on the article "Continuous Observation Hidden Markov Model" by Kasmera
03/2010	· ·
05/2016	Journal (Thomson Reuters-SCIE).
05/2016	Loc Nguyen was named in the Handbook & List of Members - 150th Anniversary
07/2011	Edition of London Mathematical Society. Loc Nguyen received the big award in May 17, 2016.
05/2016	Honorable voter of American Statistical Association (ASA) Election on May 1, 2016.
03/2016	Certificate Of Reviewer Recognition awarded by Global Research and Development Journals
	(GRD).
03/2016	Appreciation Letter For Active Reviewers awarded by International Academy of Computer & IT
	Engineering (IACITE).
03/2016	Excellent evaluation on the article "New version of CAT algorithm by maximum likelihood
	estimation" by Sylwan Journal (Thomson Reuters-SCIE).
03/2016	Appreciation Letter For Active Reviewers awarded by Emirates Association of Computer,
	Electrical & Electronics Engineers (EACEEE).
03/2016	Appreciation Letter For Active Reviewers awarded by International Institute of Engineers (IIE).
03/2016 -	Fellowship member awarded by Royal Statistical Society.
03/2010 -	1 enough p member awarded by Royal Statistical Society.
	Darticipating in the comingr "Awareness of International Enternation" DACE Institute
12/2015	Participating in the seminar "Awareness of International Enterprise Integration", PACE Institute of Management and The Institute for Passageh on Educational Development (IRED), 28th
	of Management and The Institute for Research on Educational Development (IRED), 28th
10/2017	December 2015, Ho Chi Minh city, Vietnam.
12/2015	Professional member of Association for Computing Machinery (ACM).
11/2015	Elected member of London Mathematical Society (LMS).
11/2015	I December on Academic Destruction of Intermediated Link Conference on Victorial des Discourses
11/2013	Become an Academic Partner of International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K).

11/2015	Certificate to the paper "A New Approach for Collaborative Filtering based on Bayesian Network
11/2013	Inference" certified by Institute for Systems and Technologies of Information, Control and
	Communication (INSTICC), indexed by Thomson Reuters - CPCI.
11/2015	Certificate to the research project "Hudup - A framework of e-commercial recommendation
11,2010	algorithms" certified by Institute for Systems and Technologies of Information, Control and
	Communication (INSTICC), accepted in European Project Space.
11/2015	Academic Editor of the article "Role of Feature Selection on Leaf Image Classification" published
	in Journal of Data Analysis and Information Processing (JDAIP), Scientific Research Publishing (SCIRP).
11/2015	Schengen visa entry permission for joining The 7th International Joint Conference on Knowledge
	Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) at Lisbon, Portugal.
10/2015 -	Received many Certificates of Reviewer awarded by International Knowledge Press (IKPress).
now	
07/2015	Postdoctoral Dissertation "Mathematical Approaches to User Modeling" submission successful
	in Journals Consortium.
06/2015	The music album "Luc Bát Truyền Nhân" by famous artists: NSUT (Meritorious Artists) Hồng Vân, Lệ Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long.
05/2015 -	Technical Program Committee member of many international conferences.
now	
04/2015	Awarded to be student for Global MBA (Project Management) at London School of Business and
	Finance (LSBF) due to notable achievement. The London School of Business and Finance (LSBF)
	gains fine reputation recognised with a Queen's Award for Enterprise - further evidence of commitment to innovation, sustainability and development.
04/2015	LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG awards to
04/2013	publishing the book "Matrix Algebra and Calculus".
04/2015 -	Received many Certificates of Reviewer awarded by SCIENCEDOMAIN international.
now	Trees 196 many cornarios of the 120 mar and cy scale 1622 con 110 mar and cy
03/2015	Awarded as Co-leader of the project " <i>Ebola Recovery</i> " created and owned by Statistics Without Borders and British Red Cross.
02/2015	Member of Quality Assurance Committee of Statistics Without Borders.
02/2015	Lead Guest Editor of Special Issue "Some Novel Algorithms for Global Optimization and Relevant
	Subjects", Applied and Computational Mathematics, Science Publishing Group.
02/2015	Acceptance letter for publishing the article "Theorem of SIGMA-gate Inference in Bayesian Network" by Wulfenia Journal (Thomson Reuters-SCIE).
02/2015	Awarded as ResearcherID member: www.researcherid.com/rid/F-7019-2014.
01/2015	Editorial Board Member of American Association for Science and Technology (AASCIT).
01/2015	Scientific Research Publishing (SCIRP) awards to publishing the first edition of the book "Mathematical Approaches to User Modeling".
12/2014	Visa entry permission for joining The 17 <sup>th</sup> International Conference Interactive Collaborative
	Learning (ICL2014), The 2014 World Engineering Education Forum (WEEF2014) at Dubai,
	UAE.
12/2014	Certified for attending The 2014 World Engineering Education Forum (WEEF2014) as Vietnam Representative at Dubai, UAE.
10/2014	Appreciation Letter For Reviewing Article - PAK Publishing Group.
11/2014	Reviewer of PAK Publishing Group.
07/2014	Good evaluation on the article "Specifying Prior Probabilities in Bayesian Network by Maximum
	Likelihood Estimation method" by Sylwan Journal (Thomson Reuters-SCIE).
03/2014	Granted fund \$700 for publishing the scientific project "Phoebe - A framework of estimating fetus
	weight and age" in Journal of Gynecology and Obstetrics (JGO) by Vinh Long General
11/2012	Hospital, Vietnam Ministry of Health, represented by Prof. Dr. Thu-Hang Thi Ho.
11/2013 - 08/2014	Scholar visiting at Institute of Mathematics - Vietnam Academy of Science and Technology.
08/2014	Delegate at the 8 <sup>th</sup> Vietnam National Congress of Mathematics.
08/2013	Best innovators award for the course "Business Plan & Innovation" with the contesting
55,2015	product "Hudup - A framework of e-commercial recommendation algorithms". Vietnam Chamber
	of Commerce and Industry (VCCI), Vietnam-Germany University and Leipzig University.
08/2013	Excellent completing the course "Sale Plan Skill", awarded by EduGlobal Institute, Ho Chi Minh
	city, Vietnam.

08/2013	Excellent PhD research dissertation "A User Modeling System for Adaptive Learning" awarded
	by Standard Research Journals.
05/2013	Awarded as ORCID member: orcid.org/0000-0001-5192-8106.
06/2012	Certified to be the official member of Vietnam Chamber of Commerce and Industry (VCCI).
12/2011	Awarded for having successfully completed the blended learning course on "LEADERSHIP"
	DEVELOPMENT PROGRAM FOR VISIONARY LEADERS" by Australian National
	University and PACE Institute of Leadership and Management, Vietnam in collaboration
	with Global Development Learning Network (Created by The World Bank).
2007	The music album "Tặng" by famous artists: NSUT (Meritorious Artists) Hồng Vân, Bích Ngọc, Lê
	Hương, Ngô Đình Long.

Date	Intellectual Properties and Patents	Status
2013	Patent for "Hudup - A framework of e-commercial recommendation algorithms".	Submitting
2013	Intellectual property for PhD dissertation "A User Modeling for Adaptive Learning".	Submitting
2013	Intellectual property for "Sunflower Soft Company trade mark". The trade mark logo	Submitting
	was designed by Designer Cong-Danh Tran.	
2013	Intellectual property for collection of poems " <i>Tặng</i> ".	Submitting
2013	Intellectual property for collection of poems "Ca dao blog".	Submitting
2013	Intellectual property for collection of poems "Chua đặt tên".	Submitting
2013	Intellectual property for collection of poems "Lại chưa đặt tên".	Submitting

# XII. Talks and Interviews

12/2017	Invited speaker at Witness Christian Ceremony of Society of God, held on 24th December 2017, Ho
	Chi Minh city, Vietnam, and held on 3rd December 2017, Long Xuyen, Vietnam.
07/2017	Invited talk to present the work "Converting Graphic Relationships into Conditional Probabilities in
	Bayesian Network" at An Giang University, Vietnam.
2005	Invited talk to encourage students in study at An Giang University, Vietnam.

# XIII. Activities

# **Scientific Committees**

05/2018 -	International Editorial Board member of The 2018 International Conference on Economics,
11/2018	Management and Technology (IEMT2018), held on November 20 - 22, 2018, Bangkok,
	Thailand.
05/2018 -	International Scientific Committees member of The 2018 3rd International Conference on
09/2018	Electrical, Control and Automation Engineering (ECAE2018), held on September 27 - 28, 2018,
	Wuhan, China.
05/2018 -	Technical Program Committee member of Future of Information and Communication
03/2019	Conference (FICC) 2019, held on March 14 - 15, 2019, San Francisco, USA.
05/2018 -	International Scientific Committees member of The 2018 International Conference on Computer,
08/2018	Communications and Network Engineering (CCNE2018), held on August 26 - 27, 2018, Beijing,
	China.
	International Scientific Committees member of The 2018 3rd International Conference on
	Control, Automation and Artificial Intelligence (3rd-CAAI 2018), held on August 26 - 27, 2018,
	Beijing, China.
	International Scientific Committees member of The 2018 International Conference on Applied
	Mechanics, Mechatronics and Materials (AMMM2018), held on August 26 - 27, 2018, Beijing,
	China.
05/2018 -	Technical Program Committee member (Attendance Award) of The 2018 International
12/2018	Conference on Blockchain Technology and Applications (ICBTA 2018), December 10 - 12,
	2018, Xi'an, China.
05/2018 -	Technical Program Committee member (215\$ Award) of The 9th Annual International Congress
01/2019	of Information and Communication Technology (ICICT2019), January 11 - 13, 2019, Nanning,
	Guangxi, China.
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05/2018 -	International Technical Committees member (100\$ Award) of The 2018 4th IEEE International
12/2018	Conference on Computer and Communications (ICCC2018), December 7 - 10, 2018, Chengdu,
	China.
04/2018 -	Conference Technical Committees member (100\$ Award) of 2018 International Conference on
11/2018	Big Data and Machine Learning (BDML2018) and 2018 International Conference on Artificial
	Intelligence and Virtual Reality (AIVR2018), November 23 - 25, 2018, Nagoya, Japan.
04/2018 -	International Scientific Committees member of The 2018 International Conference on
06/2018	Computational Modeling, Simulation and Mathematical Statistics (CMSMS2018), June 24 - 25,
00/2018	2018, Xi'an, China.
	International Scientific Committees member of The 2018 3rd International Conference on
	Electrical, Automation and Mechanical Engineering (EAME2018), June 24 - 25, 2018, Xi'an,
	China.
	International Scientific Committees member of The 2018 2nd International Conference on
	Artificial Intelligence and Software Engineering (AISE2018), June 24 - 25, 2018, Xi'an, China.
	International Scientific Committees member of The 2018 2nd International Conference on
	Advances in Management Science and Engineering (AMSE2018), June 24 - 25, 2018, Xi'an,
	China.
04/2018 -	International Scientific Committees member of The 2018 International Conference on Education,
07/2018	Management and Social Science (EMSS2018), July 22 - 23, 2018, Shanghai, China.
1	International Scientific Committees member of The 2018 3rd International Conference on
	Modelling, Simulation and Applied Mathematics (MSAM2018), July 22 - 23, 2018, Shanghai,
	China.
04/2018 -	International Scientific Committee member of 6th Annual 2018 International Conference on
10/2018	Geo-Spatial Knowledge and Intelligence (GSKI2018), October 26 - 28, 2018, Beijing, China.
04/2018 -	Technical Program Committee member of the 2018 2nd International Conference on Cloud
08/2018	Technology and Communication Engineering (CTCE2018), held on August 17 - 19, 2018,
06/2016	
04/2010	Nanjing, China.
04/2018	Co-Chair of the 4th Annual International Conference on Network and Information Systems for
0.4/2010	Computers (ICNISC2018), held on April 20 - 22, 2018, Wuhan, China.
04/2018 -	Program Committee member of The 5th Multidisciplinary International Social Networks
07/2018	Conference (MISNC 2018), held on July 16 - 18, 2018, Saint-Etienne, France.
	Program Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.
03/2018 -	Technical Committees member of The 2nd International Conference on Natural Language
09/2018	Processing and Information Retrieval (NLPIR 2018), held on September 7 - 9, 2018, Bangkok,
	Thailand.
01/2018 -	Technical Program Committee member of 4th EAI International Conference on Nature of
11/2018	Computation and Communication (ICTCC 2018), November 22 - 23, 2018, Viet Tri, Vietnam.
	Technical Program Committee member of the 7th EAI International Conference on Context-
	Aware Systems and Applications (ICCASA 2018), held on November 22 - 23, 2018, Viet Tri,
	Vietnam.
01/2018 -	Technical Program Committee member of The 2nd Annual International Conference on Artificial
05/2018	Intelligence and Computer Engineering (AICE2018), held on May 18 - 20, 2018, Xi'an, China.
01/2018 -	Technical Program Committee member of The 3rd International Conference on Artificial
11/2018	Intelligence and Robots (AIR 2018), held on November 28 - 30, 2018, Sanya, China.
12/2017 -	International Scientific Committees member of The 2018 2nd International Conference on
12/2017 -	Humanity and Social Science (ICHSS2017), held on December 24 - 25, 2017, Xiamen, China.
11/2017 -	International Scientific Committees member of 2018 International Conference on Mechanical,
02/2018	Automation and Applied Mechanics (MAAM2018), held on February 7 - 8, 2018, Wuhan, China.
	International Scientific Committees member of 2018 International Conference on Modeling,
44/201=	Simulation and Analysis (ICMSA2018), held on February 7 - 8, 2018, Wuhan, China.
11/2017 -	Program Committee member of The International Conference on Network Engineering and
04/2018	Information Security (NEIS2018), held on April 20 - 22, 2018, Wuhan, China.
11/2017 -	Technical Program Committee member of The 3rd Annual International Conference on
06/2018	Information System and Artificial Intelligence (ISAI2018), held on June 22 - 24, 2018, Suzhou,
	Jiangsu, China.
	Technical Program Committee member of The 2018 International Conference on Software
	Engineering and Service Science (ICSESS2018), held on June 22 - 24, 2018, Suzhou, China.
10/2017 -	General Chair of the 2017 3rd International Conference on Social, Education and Management
11/2017	Engineering (SEME2017), held on November 26 - 27, 2017, Shanghai, China.

10/2017 -	International Scientific Committees member of the 2018 International Conference on Modeling,
01/2018	Simulation and Optimization (MSO2018), held on January 21 - 22, 2018, Shenzhen, China.
	International Scientific Committees of The 2018 3rd International Conference on Education and
	Management Science (ICEMS2018), held on January 21 - 22, 2018, Shenzhen, China.
	International Scientific Committees of The 2018 International Conference on Biological,
	Pharmaceutical and Chemical Engineering (BPCE2018), held on January 21 - 22, 2018,
	Shenzhen, China.
00/2017	
09/2017 -	Advisory Board member of International Journal of Advanced Research in Computer Science
now	and Software Engineering (IJARCSSE).
09/2017 -	Reviewer Committee member of International Association of Engineers (IAOES).
now	
09/2017 -	Scientific Committee member of International Centre of Excellence in Engineering &
now	Technology (ICEEAT).
09/2017 -	Reviewer Committee member of Universal Researchers in Civil and Architecture Engineering
now	(URCAE).
09/2017 -	Reviewer Committee member of International Forum of Engineers & Practitioners (FENP).
	Reviewer Committee member of International Forum on Food, Agriculture and Biological
now	· · · · · · · · · · · · · · · · · · ·
00/0015	Sciences (FFABS).
09/2017 -	Reviewer Committee member of International Academy of Industrial, Mechanical &
now	Aeronautical Engineering (IAIMAE).
09/2017 -	International Scientific Committees member of 5th Annual 2017 International Conference on
12/2017	Geo-Spatial Knowledge and Intelligence (GSKI2017), December 8 - 10, 2017, Chiang Mai,
	Thailand.
09/2017 -	International Scientific Committees member of the 2017 2nd International Conference on
12/2017	Computer, Mechatronics and Electronic Engineering (CMEE2017), December 24 - 25, 2017,
12/2017	Xiamen, China.
09/2017 -	Technical Program Committee member of 3rd EAI International Conference on Nature of
11/2017	Computation and Communication (ICTCC 2017), November 23 - 24, 2017, Tam Ky, Vietnam.
	Technical Program Committee member of the 6th EAI International Conference on Context-
	Aware Systems and Applications (ICCASA 2017), held on November 23 - 24, 2017, Tam Ky,
	Vietnam.
08/2017	Technical Program Committee member of the 2017 EAI International Conference on Ubiquitous
	Communications and Network Computing (UBICNET 2017), August 3 - 5, 2017, Bangalore,
	India.
08/2016 -	International Scientific Committees member of the 2nd 2017 International Conference on
10/2017	Communications, Information Management and Network Security (CIMNS2017), held on
10/2017	October 22 - 23, 2017, Beijing, China.
08/2017 -	International Scientific Committees member of The 3rd International Conference on Artificial
	Intelligence and Industrial Engineering (AIIE2017), held on November 26 - 27, 2017, Shanghai,
11/2017	
00/2015	China.
08/2017 -	Technical Program Committee member of the 2017 2nd International Conference on Applied
10/2017	Mechanics, Electronics and Mechatronics Engineering (AMEME2017), held on October 22-23,
	2017, Beijing, China.
	Technical Program Committee member of the 2017 2nd International Conference on
	Computational Modeling, Simulation and Applied Mathematics (CMSAM2017), held on
	October 22-23, 2017, Beijing, China.
07/2017 -	Organizing Committee member of the 2nd World Conference and Exhibition on Forensic
06/2018	Science, held on June 11-12, 2018, Rome, Italy.
06/2017 -	Technical Program Committee member of the 2017 4th International Conference on Education
08/2017	
	Reform and Modern Management (ERMM2017), held on August 6 - 7, 2017, Phuket, Thailand.
05/2017 -	International Scientific Committees member of the 2017 2nd International conference on
06/2017	Advanced Management Science and Information Engineering (AMSIE2017), held on June 25 -
	26, 2017, Sanya, China.
04/2017 -	Technical Program Committee member of the 2017 International Conference on Computer,
06/2017	Electronics and Communication Engineering (CECE2017), held on June 25 - 26, 2017, Sanya,
	China.
04/2017 -	Technical Program Committee member of the 2017 2nd International Conference on Test,
05/2017	Measurement and Computational Method (TMCM2017), held on May 21 - 22, 2017, Beijing,
05,2017	China.
	Cinnu.

04/2017	T
04/2017 - 05/2017	International Scientific Committees member of the 2017 International Conference on Applied Mathematics, Modelling and Statistics Application (AMMSA2017), held on May 21 - 22, 2017,
00,201,	Beijing, China.
03/2017 -	Technical Program Committee member of the 2017 3rd Annual International Conference on
11/2017	Computer Science and Mechanical Automation (CSMA2017), held on November 10 - 12, 2017,
	Wuhan, China.
03/2017 -	Technical Program Committee member of the 2017 International Conference on Computer
10/2017	Engineering and Information System (CEIS2017), held on October 20 - 22, 2017, Xiamen, China.
02/2017 -	International Scientific Committees member of the 2017 International Conference on Energy,
04/2017	Power and Environmental Engineering (ICEPEE2017), held on April 23 - 24, 2017, Shanghai,
	China.
01/2017 -	International Scientific Committees member of the 2017 2nd International Conference on
03/2017	Modelling, Simulation and Applied Mathematics (MSAM2017), held on March 26 - 27, 2017,
04/0045	Bangkok, Thailand.
01/2017 -	International Scientific Committees member of the 2017 International Conference on Mechanical
03/2017	and Mechatronics Engineering (ICMME2017), held on March 26 - 27, 2017, Bangkok, Thailand.
01/2017 -	Technical Program Committee member of the 2017 International Conference on Cloud
08/2017	Technology and Communication Engineering (CTCE2017), held on August 18 - 20, 2017,
01/2017	Guilin, China.  Technical Program Committee member of the 2017 International Conference on Materials,
01/2017	Machinery and Information Technology Applications (MMITA2017), held on January 15 - 16,
	2017, Beijing, China.
12/2016 -	Technical Program Committee member of the 2017 International Conference on Advanced
03/2017	Education and Management Science (AEMS2017), held on March 26 - 27, 2017, Bangkok,
	Thailand.
12/2016 -	Program Committee member of the 2nd International Conference on Control and Automation
01/2017	(ICCA2017), held on January 13 - 15, 2017, Shenzhen, China.
11/2016 -	Program Committee member of The 4rd Multidisciplinary International Social Networks
07/2017	Conference (MISNC 2017), held on July 17 - 19, 2017, Bangkok, Thailand.
	Program Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.
11/2016 -	Technical Program Committee member of the 2017 2nd International Conference on Information
01/2017	Technology and Management Engineering (ITME2017), held on January 15 - 16, 2017, Beijing,
11/2016	China.
11/2016 -	Technical Program Committee member of the 2016 International Conference on Modeling,
12/2016	Simulation and Optimization Technologies and Applications (MSOTA2016), held on December 18 - 19, 2016, Xiamen, China.
09/2016 -	Technical Program Committee member of the 2016 2nd International Conference on Sustainable
12/2016	Energy and Environmental Engineering (SEEE2016), held on December 18 - 19, 2016, Xiamen,
12/2010	China.
09/2016 -	Technical Program Committee member of the 2017 International Conference on Advanced
03/2017	Technologies Enhancing Education (ICAT2E2017), held on March 18 - 20, 2017, Qingdao,
	China.
08/2016 -	Technical Program Committee member of the 2016 International Conference on Education,
11/2016	Management and Applied Social Science (EMASS2016), held on November 20 - 21, 2016,
	Beijing, China.
08/2016 -	Technical Program Committee member of the 2016 International Conference on Mathematical,
10/2016	Computational and Statistical Sciences and Engineering (MCSSE2016), held on October 30 - 31,
00/2015	2016, Shenzhen, China.
08/2016 -	Technical Program Committee member of the 2016 International Conference on Management,
09/2016	Economics and Sustainable Development (MESD2016), held on September 25 - 26, 2016,
	Shanghai, China.  Technical Program Committee member of the 2016 International Conference on
	Communications, Information Management and Network Security (CIMNS2016), held on
	September 25 - 26, 2016, Shanghai, China.
08/2016 -	Technical Program Committee member of The 2nd International Conference on Artificial
11/2016	Intelligence and Industrial Engineering (AIIE2016), held on November 20 - 21, 2016, Beijing,
	China.

07/2016 -	Technical Program Committee member of The 2016 International Conference on Wireless
11/2016	Communication and Network Engineering (WCNE2016), held on November 20 - 21, 2016,
11,2010	Beijing, China.
07/2016 -	Honorable Organization Committee member of The Second International Conference on Science,
now	Engineering and Environment (SEE), Japan. SEE is in collaboration of GEOMATE International
110 11	Society.
04/2016 -	Honorable Organization Committee member of The 4th and 5th International Medical
11/2017	Informatics Series Conferences.
03/2016 -	Technical Program Committee member of the 2nd Annual International Conference on Network
04/2016	and Information Systems for Computers (ICNISC2016), April 15 - 17, 2016, Wuhan, China.
03/2016 -	Program Committee member of the GlobalCIS International Conferences.
now	
02/2016 -	Program Committee member of The 7th International Workshop on Mining and Analyzing Social
08/2016	Networks for Decision Support (MSNDS 2016) in conjunction with IEEE/ACM ASONAM
	2016. August 18-21, 2016, UC Davis, Davis, CA, USA.
	Organization Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.
01/2016 -	Program Committee member of The 3rd Multidisciplinary International Social Networks
08/2016	Conference (MISNC 2016), August 15 - 17, 2016, New Jersey, USA.
	Program Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.
12/2015	Technical Program Committee member of 2015 International Conference on Electrical,
	Electronics and Mechatronics (ICEEM2015), December 20 - 21, 2015, Phuket, Thailand.
09/2015 -	Reviewer Committee member of International Conference on Computer, Control and
12/2015	Communication Technologies (CCCT 2015), December 3 - 4, 2015, Antalya, Turkey.
08/2015 -	Technical Program Committee member of INDIACom - International Conference on Computing
now	for Sustainable Global Development.
05/2015 -	Technical Program Committee member of International Conference on Data, Information and
11/2015	Knowledge Management (DIKM 2015), November 20 - 22, 2015, Guilin, China.
2015 - now	Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics
	Engineers (EACEEE).
05/2015 -	Taskforce member of quality assurance manual development and implementation of Statistics
05/2017	Without Borders.
02/2015 -	Member of Quality Assurance Committee of Statistics Without Borders.
now	
04/2005	An Giang University Delegation Leader of Student Olympic Informatics at Ho Chi Minh
	University of Science, Vietnam, April 23 - 25, 2005.

# **Reviewers and Editors**

06/2018 -	Editor of International Journal of Innovation and Research in Educational Sciences (IJIRES).
now	Publisher: Timeline Publication Pvt. Ltd.
06/2018 -	Reviewer of Nursing Practice Today.
now	
05/2018 -	Reviewer of COJ Electronics & Communications - Crimson Publishing.
now	
05/2018 -	Reviewer of Journal of Mathematics and Computer Applications Research - TJPRC Publisher.
now	
05/2018 -	Editorial Board member of Mathematics and Humanities Engineering Open Access Open Journal
now	(MHEOAOJ) - SOAOJ Publishing.
04/2018 -	Reviewer of BEST: International Journal of Management, Information Technology and
now	Engineering.
04/2018 -	Reviewer of Experimental Medicine (EM) - International Technology and Science Publications
now	(ITS).
04/2018 -	Reviewer of International Journal of Research and Review (IJRR).
now	
04/2018 -	Editorial Board member of International Educational Scientific Research Journal (IESRJ).
now	
04/2018 -	Editor of Clausius Scientific Press (CSP).
12/2022	
04/2018 -	Reviewer of IASET: Journal of Applied Mathematics & Statistical Sciences.
now	

02/2010	De la constitución de la constit
03/2018 -	Reviewer of IEEE Transactions on Knowledge and Data Engineering (TKDE).
now	
02/2018 -	Editorial Board member of International Journal of Modern Research In Engineering &
now	Management (IJMREM).
01/2018 -	Editorial Board member of Explore Science and Technology.
now	
01/2018 -	Reviewer of Informatica.
now	
01/2018 -	Member of Advisory Board of Gynecology and Reproductive Endocrinology, Allied Academies.
now	
01/2018 -	Reviewer of IJRDO Journal.
now	
01/2018 -	Editorial Board member of Journal of Nursing Research and Practice - Pulsus Group.
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01/2018 -	Editorial Board member of Journal of Hospital and Healthcare Administration - Gavin Publishers.
now	Editorial Board memori of Fouriar of Flospital and Fedital care radial memorial and find the first and find
01/2018 -	Reviewer of Journal of Primary Health Care & General Practice - Scient Open Access.
	Reviewer of Journal of Frimary Health Care & General Fractice - Scient Open Access.
now	Editorial Board member of JournalsPub.
11/2017 -	Editorial Doard Hielitoer of Journals Pub.
now	Patronial Decodes and according of Laterance 11 1 1 CD 11 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
11/2017 -	Editorial Board member of International Journal of Research in Engineering and Innovation
now	(IJREI).
11/2017 -	Reviewer of Asian Journal of Fuzzy and Applied Mathematics (AJFAM).
now	
11/2017 -	Editorial Board member of Topics in Intelligent Computing and Indusry Design (ICID).
now	
10/2017 -	Editorial Board member of Engineering and Technology Journal (ETJ) - Everant Publisher.
now	
10/2017 -	Editorial Board member of International Journal of Recent Research and Review (IJRRR).
now	, ,
08/2017 -	Editorial Board member of International Knowledge Press (IKPress).
08/2020	
07/2017 -	Honorable Associate Editorial Board member of Research in Medical & Engineering Sciences
now	(RMES) - Crimson Publishing.
05/2017 -	Editorial Board member of Scientific Federation (SciFed Group).
	Editorial Board memoer of Scientific reactation (Scired Group).
now	Reviewer of The 10th International Multi-Conference on Engineering and Technological
03/2017 - 07/2017	
	Innovation (IMETI 2017), held on July 8 - 11, 2015, Orlando, Florida, USA.  Reviewer of Inderscience Publishers.
02/2017 -	Reviewer of Inderscience Publishers.
now	
12/2016 -	Reviewer of International Journal for Innovative Research in Science & Technology (IJIRST).
now	
12/2016 -	Reviewer of International Journal of Science and Engineering Investigations (IJSEI).
now	
10/2016 -	Reviewer of American Society for Engineering Education (ASEE).
now	
10/2016 -	Reviewer of Engineering & Technology Research Group (ETRG).
now	
10/2016 -	Reviewer of Herald International Research Journals (HIRJ).
now	, , ,
09/2016 -	Reviewer of Eminent Association of Researchers in Engineering & Technology (EARET).
now	2 Toomsoog (2 Ma)
09/2016 -	Editorial Board Member of Journal of Convergence Information Technology (JCIT).
now	Desired Double Months of Convergence information Technology (Jett).
07/2016 -	Reviewer of Global Journals.
	Neviewel of Olobal Journals.
now	Associate Editor of MadWin Dublish and
07/2016 -	Associate Editor of MedWin Publishers.
now	

07/2016 -	Invited Reviewer of The 2016 International Conference on Agriculture, Energy and Environment
10/2016	Engineering (AEEE2016), held on October 29-30, 2016 in Bangkok, Thailand.
07/2016 -	Honorable Reviewer of Gynaecology and Perinatology Journal - Scientia Ricerca Publisher.
now	
06/2016 - 12/2016	Reviewer of the 2nd International Conference on Fuzzy System and Data Mining (FSDM 2016).
05/2016 -	Editorial Board Member of Bulletin of Mathematics and Statistics Research (BOMSR).
now	Editorial Board Member of Bulletin of Mantematics and Statistics Research (BOMSR).
05/2016 -	Editorial Board Member of Journal of The International Association of Advanced Technology
now	and Science (JIAATS).
05/2016 -	Reviewer of Computational Intelligence.
now	
04/2016 -	Editorial Board member of International Journal of Advanced Engineering and Management
now	Research (IJAEMR).
04/2016 -	Honorable Editorial Board member of Scientia Research Library.
now	
03/2016 -	Reviewer of Global Research and Development Journals (GRD).
now	
03/2016 -	Reviewer of conference series International Conference on Computational Methods (ICCM).
now 03/2016 -	Reviewer of Conference123.net.
	Reviewer of Conference 123.net.
now 03/2016 -	Reviewer of International Education and Research Journal (IERJ).
now	Reviewer of international Education and Research Journal (IERG).
02/2016 -	Reviewer of International Association of Humanities, Social Sciences & Management
now	Researchers (HSSMR).
02/2016 -	Reviewer of Journal of Intelligent Information Systems (JIIS).
now	·
02/2016 -	Reviewer of Complex & Intelligent Systems (CAIS).
now	
02/2016 -	Reviewer of Asian Online Journal Publishing Group.
now	
02/2016 -	Reviewer of Journal of Applied Mathematics and Computer Application - Brainy Buzz.
now	Editorial December of International Learned of Forestine Provides December 1
02/2016 -	Editorial Board member of International Journal of Emerging Engineering Research and Technology (IJEERT), SRYAHWA Publications.
now 01/2016 -	Editorial Board member of Jakraya Publications.
now	Editorial Board inclined of Jakraya I dollections.
12/2015 -	Reviewer of Statistics, Optimization & Information Computing (SOIC) - An International
now	Journal.
12/2015 -	Reviewer of Innovative Food Science and Emerging Technologies (IFSET).
now	
12/2015 -	Reviewer of Advances in Computer Science: an International Journal.
now	
12/2015 -	Guest Editor of EduPedia Publications.
now	Davison of 2015 International Conference on Florida L. Florida L. Florida L.
12/2015	Reviewer of 2015 International Conference on Electrical, Electronics and Mechatronics (ICEEM2015), December 20-21, 2015, Phuket, Thailand.
12/2015 -	Reviewer of 2nd EAI International Conference on Nature of Computation and Communication
03/2016	(ICTCC 2016), March 17-18, 2016, Rach Gia, Vietnam.
12/2015 -	Reviewer of 5th EAI International Conference on Context-Aware Systems and Applications
11/2016	(ICCASA 2016), November 24-25, 2016, Thu Dau Mot, Vietnam.
12/2015 - now	Reviewer of International Association of Engineering & Technology Researchers (IAETR).
12/2015 -	Reviewer of International Academy of Computer & IT Engineering (IACITE).
now	or company of 2 anguloring (M10112).
12/2015 -	Reviewer of Global Publishing Corporation.
now	

11/2015 -	Reviewer of Open Access Library Journal (OALib Journal).
now	
11/2015 -	Reviewer of Universal Researchers in Engineering (URENG).
now	
10/2015 -	Editorial Board member of International Conference on Advances in Engineering Science and
11/2015	management (ICAESM 2015), Agra, India, November 8, 2015.
10/2015 -	Reviewer of International Journal of Artificial Intelligence in Education (IJAIED).
now	
10/2015 -	Editorial Board member of International Institute of Engineers (IIENG).
now	
09/2015 -	Editor of PENCIL Publication of Physical Sciences and Engineering (PPPSE).
now	
09/2015 -	Reviewer of The 5th International Conference on Electronics, Communications and Networks
12/2015	(CECNet 2015), December 12-15, 2015, Shanghai, China.
09/2015 -	Reviewer of International Conference on Computer, Control and Communication Technologies
12/2015	(CCCT), December 3-4, 2015, Antalya, Turkey.
09/2015 -	Reviewer of Multidisciplinary Digital Publishing Institute (MDPI).
now	, , , , , , , , , , , , , , , , , , ,
09/2015 -	Author and Reviewer of International Journal of Biomedical Research, Scholar Science Journals.
now	The second of th
09/2015 -	Author and Reviewer of Jurnal Teknologi.
now	Table and the first of variant remotors.
07/2015 -	Member in Advisory Editorial Board of International Journal of Emerging Technology and
now	Advanced Engineering (IJETAE). IJETAE is approved by National Science Library (NSL),
now	National Institute of Science Communication And Information Resources (NISCAIR), Council
	of Scientific and Industrial Research, New Delhi, India.
06/2015 -	Editorial Board Member of Studies in Engineering and Technology (SET) published by Redfame
now	Publishing.
06/2015 -	Reviewer of The 8th International Multi-Conference on Engineering and Technological
07/2015	Innovation (IMETI 2015), held on July 12 - 15, 2015, Orlando, Florida, USA.
06/2015 -	Reviewer of Cognitive Computation.
now	
06/2015 -	Editorial Board member of Science Publishing Group (SciencePG).
now	
05/2015 -	Guest Editor of Special Issue "Data Mining Applications", American Journal of Software
10/2015	Engineering and Applications, Science Publishing Group (SciencePG).
05/2015 -	Reviewer of International Institute of Informatics and Systemics (IIIS).
now	
04/2015 -	Reviewer of Cogent OA.
now	
04/2015 -	Author of Academic Journals.
now	
04/2015 -	Guest Reviewer of Scientific Research Publishing (SCIRP).
now	
03/2015 -	Reviewer of International Knowledge Press (IKPress).
now	
03/2015 -	Author and Reviewer of SCIENCEDOMAIN international.
now	
03/2015 -	Reviewer of The 5th International Conference on Electronics, Communications and Networks
09/2015	(CECNET2015), December 12th-15th, 2015, Shanghai, China.
02/2015 -	Lead Guest Editor of Special Issue "Some Novel Algorithms for Global Optimization and Relevant
07/2017	Subjects", Applied and Computational Mathematics, Science Publishing Group (SciencePG).
01/2015 -	Reviewer of Journal Issues.
now	
2015 -	Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics
now	Engineers (EACEEE).
01/2015 -	Reviewer of American Association for Science and Technology (AASCIT).
now	The first of Emilited Figure and Technology (Figure 1).
110 W	

09/2014 -	Reviewer of The 5th International Conference on Electronics, Communications and Networks
12/2014	(CECNet 2014), December 12-15, 2014, Beijing, China.
08/2014 -	Reviewer of PAK Publishing Group.
now	
07/2014 -	Reviewer of The 4th International Conference on Biomedical Engineering and Biotechnology
03/2015	(ICBEB2015), August 18th - 21st, 2015, Shanghai, China.
05/2014 -	Reviewer of International Conference Interactive Collaborative Learning (ICL2014) and The
06/2014	2014 World Engineering Education Forum (WEEF2014).

# **Scholar Visitings**

11/2013 -	Scholar researching at Institute of Mathematics - Vietnam Academy of Science and
08/2014	Technology.

# Memberships

11/2010	Membersin	
11/2017		Senior member of Institute of Research Engineers and Doctors (theIRED).
11/2016   now		Member of International Association of Engineers (IAENG).
now       09/2016       - Member of Data Science Central (DSC).         now       09/2016       - Life Member of American Association for Science and Technology (AASCIT).         09/2016       - Member of Trellis. Trellis is an exciting, new, digital communication and collaboration platfor from The American Association for the Advancement of Science (AAAS).         09/2016       - Editorial Board member of Journal of Harmonized Research Publications (JOHR).         08/2016       - Senior Member of Information Processing Society of Japan (IPSJ).         08/2016       - Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).         08/2016       - Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.         08/2016       - Member of Academy of American Poets.         08/2016       - Complimentary member of Science Advisory Board that is global expert network to advan science and medical technology.         08/2016       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         04/2016       - Member of Immersive Learning Research Network (iLRN).	now	
O9/2016	11/2016 -	Member of Vietnamese Society of Ultrasound in Medicine (VSUM).
now11 <t< td=""><td>now</td><td></td></t<>	now	
O9/2016	09/2016 -	Member of Data Science Central (DSC).
nowMember of Trellis. Trellis is an exciting, new, digital communication and collaboration platfor from The American Association for the Advancement of Science (AAAS).09/2016 - nowEditorial Board member of Journal of Harmonized Research Publications (JOHR).08/2016 - nowSenior Member of Information Processing Society of Japan (IPSJ).08/2016 - nowMember of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).08/2016 - nowSenior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.08/2016 - nowMember of Academy of American Poets.08/2016 - nowComplimentary member of Science Advisory Board that is global expert network to advanscience and medical technology.08/2016 - nowMember of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).04/2016 - Member of Immersive Learning Research Network (iLRN).		
O9/2016		Life Member of American Association for Science and Technology (AASCIT).
nowfrom The American Association for the Advancement of Science (AAAS).09/2016- Editorial Board member of Journal of Harmonized Research Publications (JOHR).08/2016- Senior Member of Information Processing Society of Japan (IPSJ).08/2016- Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).08/2016- Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.08/2016- Member of Academy of American Poets.08/2016- Complimentary member of Science Advisory Board that is global expert network to advan science and medical technology.08/2016- Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).04/2016- Member of Immersive Learning Research Network (iLRN).		
O9/2016   Editorial Board member of Journal of Harmonized Research Publications (JOHR).		
nowO8/2016 nowSenior Member of Information Processing Society of Japan (IPSJ).08/2016 now- Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).08/2016 now- Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.08/2016 now- Member of Academy of American Poets.08/2016 now- Complimentary member of Science Advisory Board that is global expert network to advant science and medical technology.08/2016 now- Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).04/2016 now- Member of Immersive Learning Research Network (iLRN).		` /
08/2016 now       - Senior Member of Information Processing Society of Japan (IPSJ).         08/2016 now       - Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).         08/2016 now       - Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.         08/2016 now       - Member of Academy of American Poets.         08/2016 now       - Complimentary member of Science Advisory Board that is global expert network to advant science and medical technology.         08/2016 now       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         04/2016 now       - Member of Immersive Learning Research Network (iLRN).		Editorial Board member of Journal of Harmonized Research Publications (JOHR).
now       08/2016       -       Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).         08/2016       -       Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.         08/2016       -       Member of Academy of American Poets.         08/2016       -       Complimentary member of Science Advisory Board that is global expert network to advan science and medical technology.         08/2016       -       Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         04/2016       -       Member of Immersive Learning Research Network (iLRN).		Canica Member of Information Drocessing Cogisty of Janea (IDCI)
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now       Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.         08/2016 over the construction of the		Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM)
08/2016 now       - Senior Member and President of Ho Chi Minh City Branch of International Engineering a Technology Institute (IETI), Hong Kong.         08/2016 now       - Member of Academy of American Poets.         08/2016 now       - Complimentary member of Science Advisory Board that is global expert network to advanscience and medical technology.         08/2016 now       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         04/2016 now       - Member of Immersive Learning Research Network (iLRN).		Welliour of the Chi Minin City Bociety for Reproductive Medicine (HOSKEM).
now       Technology Institute (IETI), Hong Kong.         08/2016       - Member of Academy of American Poets.         08/2016       - Complimentary member of Science Advisory Board that is global expert network to advanscience and medical technology.         08/2016       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         now       - Member of Immersive Learning Research Network (iLRN).		Senior Member and President of Ho Chi Minh City Branch of International Engineering and
08/2016 now       - Member of Academy of American Poets.         08/2016 now       - Complimentary member of Science Advisory Board that is global expert network to advant science and medical technology.         08/2016 now       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         04/2016 now       - Member of Immersive Learning Research Network (iLRN).		•
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08/2016 now       - Complimentary member of Science Advisory Board that is global expert network to advantage science and medical technology.         08/2016 now       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         04/2016 now       - Member of Immersive Learning Research Network (iLRN).		Themsel of reading of rimerican rocks.
now       science and medical technology.         08/2016       - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).         now       04/2016         now       - Member of Immersive Learning Research Network (iLRN).		Complimentary member of Science Advisory Board that is global expert network to advance
08/2016 - Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).  04/2016 - Member of Immersive Learning Research Network (iLRN).		
now 04/2016 - Member of Immersive Learning Research Network (iLRN). now	08/2016 -	Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).
now	now	
	04/2016 -	Member of Immersive Learning Research Network (iLRN).
	now	
04/2016 - Member of International Statistical Institute (ISI).	04/2016 -	Member of International Statistical Institute (ISI).
now	now	
04/2016 - Member of International Biometric Society (IBS).	04/2016 -	Member of International Biometric Society (IBS).
now	now	
03/2016 - Member of International Chinese Statistical Association (ICSA).	03/2016 -	Member of International Chinese Statistical Association (ICSA).
now	now	
02/2016 - Member of Nature Magazine.	02/2016 -	Member of Nature Magazine.
now	now	
02/2016 - Member of The American Association for The Advancement of Science (AAAS).	02/2016 -	Member of The American Association for The Advancement of Science (AAAS).
now	now	
01/2016 - Member of Construx: Software Development Best Practices laid by Steve McConnell.	01/2016 -	Member of Construx: Software Development Best Practices laid by Steve McConnell.
now	now	
01/2016 - Member of Journal of Harmonized Research (JOHR).	01/2016 -	Member of Journal of Harmonized Research (JOHR).
now		
01/2016 - Member of Convergence Information Society (CIS).		Member of Convergence Information Society (CIS).
now	now	

01/2016 -	Member of EDAS: Editor's Assistant.
now	
01/2016 -	Researcher of Project Euclid: mathematics and statistics online.
now	
01/2016 -	Member of ACM Special Interest Group on Knowledge Discovery in Data (SIGKDD).
now	
2015 - now	Member of Eastern North American Region (ENAR), International Biometric Society.
2015 - now	Member of Integration Developer News.
12/2015 -	Member of Universal Conference Alerts.
now	The most of one total conference rectange
12/2015 -	Member of Web Intelligence Consortium (WIC).
	Welliot of web intelligence consolitum (wie).
now 12/2015 -	Member of Institute of Mathematical Statistics (IMS).
	Nichiber of histitute of Mathematical Statistics (1915).
now	Manches of European Alliance for Innovation (EAI)
12/2015 -	Member of European Alliance for Innovation (EAI).
now	Month of CDVICAM Later of the Later of the Council of Technology (DIVIT)
12/2015 -	Member of BVICAM International Journal of Information Technology (BIJIT).
now	
12/2015 -	Professional member of Association for Computing Machinery (ACM).
now	
11/2015 -	Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge
now	Engineering and Knowledge Management (IC3K).
10/2015 -	Editorial Board member of International Conference on Advances in Engineering Science and
11/2015	management (ICAESM 2015), Agra, India, November 8, 2015.
10/2015 -	Editorial Board member of International Institute of Engineers (IIENG).
now	
08/2015 -	Member of 10th INDIACom; 3rd 2016 International Conference on Computing for Sustainable
03/2016	Global Development, March 16-18, 2016.
08/2015 -	Member of Computer Society of India - The 50th Golden Jubilee Annual Convention (CSI-
12/2015	2015), December 2-6, 2015.
08/2015 -	Member of GlobalCompliancePanel. GlobalCompliancePanel is a training source that delivers
now	diverse, high quality regulatory & compliance trainings.
08/2015 -	Member of O'Reilly Publisher.
now	
07/2015 -	Member of The International Statistical Institute (ISI).
now	()
07/2015 -	Member of International Association for Official Statistics (IAOS) - The International
now	Statistical Institute (ISI).
07/2015 -	Member of Cambodian Mathematical Society.
now	Weinber of Cambodian Wathernatical Society.
07/2015 -	Member of The Co-operative Group.
now	Member of the co operative Group.
07/2015 -	Member of European Mathematical Society (EMS).
	Memoer of European Mauremanear Society (EMS).
now 07/2015 -	Member of American Mathematical Society (AMS).
	Promoti of American Maniemanical Society (AMIS).
now 06/2015	Member of Institute for Systems and Technologies of Information, Control and Communication
06/2015 -	
now 06/2015	(INSTICC).  Member of American Society for Engineering Education (ASEE).
06/2015 -	Memori of American Society for Engineering Education (ASEE).
now	Member of Association for Computing Markinger (ACM)
06/2015 -	Member of Association for Computing Machinery (ACM).
now	Months of The Colonia and Lefenoration (CAT) Co.
04/2015 -	Member of The Science and Information (SAI) Organization.
now	
04/2015 -	Member of Royal Statistical Society.
now	
2015 - now	Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics
	Engineers (EACEEE).

02/2015 -	ResearcherID member: www.researcherid.com/rid/F-7019-2014.
now	
02/2015 -	Member of Quality Assurance Committee of Statistics Without Borders.
now	
01/2015 -	Member of ResearchGate.
now	
10/2014 -	Member of American Association for Science and Technology (AASCIT).
09/2015	
2014 - now	Poet at AllPoetry.
08/2013 -	Member of Vietnam Mathematics Society (VMS).
now	
2013 - now	Member of International E-learning Association (IELA).
2013 - now	Member of Statistics Without Borders (SWB).
2013 - now	Member of American Statistical Association (ASA).
2013 - now	Member of International Scientific Academy of Engineering & Technology (ISAET).
05/2013 -	ORCID member: orcid.org/0000-0001-5192-8106.
now	
2012 - now	Official member of Vietnam Chamber of Commerce and Industry (VCCI).
2009 - now	Member of Zen Club "Leu Chong".
2008 - 2010	Member of Institute of Electrical and Electronics Engineers (IEEE).
2008 - 2009	Member of Association for Computing Machinery (ACM).
2007 - now	Member of the poet community Thi Viện.

## **Participations**

Participa	tions
11/2017	Joining SWB Quality Assurance Committee Meetings of Statistics Without Borders (SWB).
- now	
11/2017	Joining Statistics Without Borders (SWB) Q&A Session about the engagement process and structure, organized and presented by Prof. Michiko I. Wolcott (Msight Analytics, LLC), held on November 7, 2017.
10/2017	Virtual participating in Disaster Crowdsourcing Exchange – FEMA's Disaster Hackathon organized by FEMA Crowdsourcing Team, Federal Emergency Management Agency (FEMA), held on October 21, 2017, Washington, DC 20024, USA.
08/2017	Joining Leu Chong Zen Club's Meeting with the subject "Positive Thought" presented by Prof. Dr. Huy-Hung Pham, organized by Prof. Dr. Ngoc-Thanh Do, held on August 27, 2017, Ho Chi Minh, Vietnam.
08/2017	Joining The 2017 International Blending Christian Conference, held on August 11-13, 2017 at Bangkok, Thailand.
07/2017	Joining The 7th Mekong Delta Obstetrics & Gynaecology Conference for poster presentation of the work "Experimental Results of Phoebe Framework: Optimal Formulas for Estimating Fetus Weight and Age".
07/2017	Joining the 3rd Science & Technology Conference of Ho Chi Minh University of Food & Industry, held on July 4, 2017, Ho Chi Minh, Vietnam for presenting the work "Global Optimization with Descending Region Algorithm" which is the main subject of the special issue "Some Novel Algorithms for Global Optimization and Relevant Subjects" available at http://www.sciencepublishinggroup.com/specialissue/147012
05/2017	Joining Blending Christian Conferences at Long Xuyen (Vietnam), Sa Dec (Vietnam), Vinh Long (Vietnam), Ho Chi Minh city (Vietnam), and Bangkok (Thailand), organized by Society of God.
01/2018	Speaking at Witness Christian Ceremony of Society of God on 24th December 2017, Ho Chi Minh city, Vietnam.  Speaking at Witness Christian Ceremony of Society of God on 3rd December 2017, Long Xuyen,
	Vietnam. Received Baptism on June 24, 2017 by Society of God at Long Xuyen, An Giang, Vietnam. Believing in God at Van Thanh Bac Protestant Church, organized by Pastor Nhan Dinh Pham, on 7th May 2017, Ho Chi Minh city, Vietnam.
03/2017	Joining Leu Chong Zen Club's Meetings with discussions about Qi Gong and Zen, organized by Prof. Xuan-Phuong Thi Nguyen and Prof. Ngoc-Trai Phan, presented by Prof. Hoai-Van Nguyen, Prof. Dinh-Hy Trinh, and Dr. Anh Phan-Cao.
03/2017	Joining Statistics Without Borders (SWB) Engagement Manual Q&A Session, organized and presented by Prof. Michiko I. Wolcott (Msight Analytics, LLC).

1	
12/2016	Delegate at The 2016 National Menopause Congress with Dr. Mai-Phuong Thi Huynh on December 10, 2016, Vung Tau, Vietnam.
11/2016	
11/2016	Joining the 12th Annual Conference of Ho Chi Minh City Society for Reproductive Medicine
	(HOSREM) for presenting the work "A Framework of Estimating Fetus Weight and Age" at Ho
	Chi Minh city, Vietnam, November 26, 2016.
09/2016	Participating in the seminar "Next Generations Leaders (NGL)" organized by PACE Institute of
037,000	Management, 22nd September 2016, Ho Chi Minh city, Vietnam.
08/2016	Joining Statistics Without Borders (SWB) Business Meeting at The 2016 Joint Statistical Meeting
08/2010	
	(JSM2016), held on July 30 - August 4, Chicago, Illinois, USA.
05/2016	Joining the webinar "Lies, Damned Lies and Software Analytics: Why Big Data Needs Thick
	Data" by speaker Margaret-Anne Storey (Professor at University of Victoria) and moderator Robert
	Dyer (Assistant Professor at Bowling Green State University) at ACM SIGSOFT.
04/2016	Joining the webinar "YOGA - A Software Development Process Based On Ancient Principles" by
0 1/2010	speaker Seth Winis (Software Development Guru, YOGA Expert) and moderator Will Tracz
00/2016	(Lockheed Martin Fellow Emeritus, Past Chair of ACM SIGSOFT) at ACM's Learning Center.
03/2016	Joining the webinar "Digital Transformation in Banking, Healthcare and Travel" by lecturer Lalit
	Ahuja (VP Professional Services at Akana) and moderator Laura Heritage (Director of API
	Strategy at Akana) at Akana's Event Center.
03/2016	Joining the webinar "From BI to Big Data - Architecture, Ethics, and Economics" by lecturer Barry
	Devlin (Founder and Principal of 9sight Consulting) and moderator Peter Aiken (Virginia
	Commonwealth University, ACM SIGMIS, SIGMOD) at ACM's Learning Center.
02/2016	
02/2016	Joining the online conference "Big Data in Motion Summit" presented by Madhu Nair with topic
	"Data Preparation And Data Wrangling in the Cloud" (Oracle), Malcolm Ross with topic "Big Data
	in Motion Intelligent Action from Insight" (Appian), Praveen Jain and Reiner Kappenberger with
	topic "Integrate Data Security with Your Big Data Platform" (Hewlett Packard Enterprise),
	Symantec Resource Center, Jack Norris with topic "Let's Get Real Time" (MapR) at Integration
	Developer News.
02/2016	Joining the webinar "A Nationally Representative Economic Survey Five Months after the Haitian
02/2010	
	Earthquake Using Mobile Phones" presented by Ryung Kim, organized by Prof. Michiko I.
	Wolcott (Msight Analytics, LLC).
02/2016	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB).
01/2016	Joining the online conference "CyberSecurity Summit" presented by Albert Biketi with topic
	"Data-Centric Approach to Security from HPE Security" (Hewlett Packard Enterprise), Ricky
	Arora with topic "Identity Management in a Digital Economy" (Oracle), Peter Allor with topic
	"Security Threats, Frameworks and Mitigation Efforts" (IBM), Symantec Resource Center, Monzy
	Merza with topic "Delivering Operational Intelligence" (splunk) at Integration Developer News.
01/2016	
01/2016	Joining the webinar "Using VNAs as a Tool for Signal Integrity in High Speed Digital
	Systems" presented by Joe Mallon and moderator Douglas McCormick at IEEE Spectrum.
01/2016	Joining the webinar "Simplifying the Curation of Education Resources" presented by Anna Stoute,
	Rose Rocchio, Shea Silverman, Francisca Yonekura, and moderator Hap Aziz at IMS Global
	Learning Consortium.
01/2016	Joining the webinar "Study to Understand and Improve the Outcomes of Homeless Cats and Dogs
=====================================	for Petlanthropy" presented by Marie Oldfield, organized by Prof. Michiko I. Wolcott (Msight
	Analytics, LLC).
01/2016	
01/2016	Joining the webinar "Measuring Software Productivity" by speaker Steve McConnell and
	moderator Will Tracz, at ACM's Learning Center.
01/2016	Joining the training tutorial "Hands-on Start to Wolfram Mathematica" presented by the authors
	Cliff Hastings and Kelvin Mischo, at Wolfram Research.
12/2015	Joining the webcast "How Much Storage Do You Really Need?" presented by Bill Lauer, with
	moderator David Mantey, at Electronic Components News, sponsored by ScanDisk.
12/2015	
12/2015	Participating in the seminar "Awareness of International Enterprise Integration", PACE Institute
	of Management and The Institute for Research on Educational Development (IRED), 28th
ĺ	L Dogombor 2015, Ho Chi Minh gity, Viotnam
	December 2015, Ho Chi Minh city, Vietnam.
12/2015	Participating in the webinar "African Children and Families Support (ACAFS) RM&E
12/2015	Participating in the webinar "African Children and Families Support (ACAFS) RM&E
12/2015	Participating in the webinar "African Children and Families Support (ACAFS) RM&E project" presented by Michelle Vanchu-Orosco, organized by Prof. Michiko I. Wolcott (Msight
	Participating in the webinar "African Children and Families Support (ACAFS) RM&E project" presented by Michelle Vanchu-Orosco, organized by Prof. Michiko I. Wolcott (Msight Analytics, LLC).
12/2015 11/2015	Participating in the webinar "African Children and Families Support (ACAFS) RM&E project" presented by Michelle Vanchu-Orosco, organized by Prof. Michiko I. Wolcott (Msight Analytics, LLC).  Participating in the European Project Space with the project "Hudup - A framework of e-
	Participating in the webinar "African Children and Families Support (ACAFS) RM&E project" presented by Michelle Vanchu-Orosco, organized by Prof. Michiko I. Wolcott (Msight Analytics, LLC).

11/2015	Joining The 7th International Conference on Knowledge Discovery and Information Retrieval
11/2013	(KDIR 2015), the part of The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015) in conjunction with The 7th
	International Joint Conference on Computational Intelligence (IJCCI 2015) for presenting the paper "A New Approach for Collaborative Filtering based on Bayesian Network Inference" at
	Lisbon, Portugal, November 12-14, 2015.
04/2015	Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) 9 times.
06/2016	
12/2014	Presenting the conference paper "Evaluating Adaptive Learning Model" and demonstrating the
	research "A User Modeling System for Adaptive Learning" in The 17th International Conference
	Interactive Collaborative Learning (ICL2014), The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE.
04/2014	Joining The 12 <sup>th</sup> Workshop on Optimization and Scientific Computing, Ba Vi, Vietnam. The Vietnam Institute for Advanced Study in Mathematics (VIASM).
01/2014	Joining The 2014 Conference of Book Author, Pedagogic University Publishing House, Hanoi, Vietnam.
12/2013	Joining International conference on commutative algebra and its interaction to algebraic geometry
	and combinatorics (CA-2013), Institute of Mathematics - Vietnam Academy of Science and Technology.
12/2013	Joining Asia-Pacific Regional Space Agency Forum (ARPSAF 20), December 3-6, 2013, Hanoi, Vietnam.
12/2013	Joining The International Conference on Space, Aeronautical and Navigational Electrical 2013 (ICSANE 2013), Hanoi, Vietnam. Vietnam Academy of Science and Technology (VAST).
12/2013	Joining CIMPA-UNESCO-MESR-MINECO-VIETNAM research school and workshop on "Geometry and Topology of Singular Varieties. Theory and Applications". Institute of Mathematics - Vietnam Academy of Science and Technology.
12/2013	Joining The 9th International Conference on Geoinformation for Disaster Management (Gi4DM 2013), Institute of Geography - Vietnam Academy of Science and Technology.
11/2013	Joining The 2013 Vietnam Business Enterprise Forum, Vietnam Chamber of Commerce and Industry (VCCI) in conjunction with General Department of Taxation & Vietnam Customs - Ministry of Finance.
10/2013	Exhibiting product "Hudup - A framework of e-commercial recommendation algorithms" at The 2013 conference "Approaches to Foreign Capital for Enterprises", Vietnam Chamber of Commerce and Industry (VCCI).
09/2013	Joining The Contest "Best Innovators Award 2013" organized by Vietnam Chamber of Commerce and Industry (VCCI), Vietnam-Germany University and Leipzig University with the product "Hudup - A framework of e-commercial recommendation algorithms".
09/2013	Joining The 2013 conference "Innovation Towards Low Income People", Can Tho University, Vietnam.
09/2013	Be trained at The 2013 conference "Developing Businesswoman Leadership Skill", Vietnam Chamber of Commerce and Industry (VCCI).
08/2013	Joining group discussion with subject "Assessing bank credit need of enterprises" organized
	by International Finance Corporation - a member of World Bank Group, MCG Management
00:55	Consulting, and Vietnam Chamber of Commerce and Industry (VCCI).
08/2013	Delegate at the 8 <sup>th</sup> Vietnam National Congress of Mathematics.
06/2013	Joining the international conference "Statistics and its interactions with other disciplines" (SIOD 2013) at Ton Duc Thang University, Ho Chi Minh city, Vietnam with the research "A New Method to Determine Separated Hyper-Plane for Non-Parametric Sign Test in Multivariate Data".
09/2012	Joining conference "Introduction to quality management methods 5S and Kaizen at Vietnamese
00/2011	Enterprises" at Vietnam Chamber of Commerce and Industry (VCCI).
08/2011	Joining conference "Strategy of assets investment". The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.
08/2011	Joining conference "Methods of making profit". The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.
12/2006	Joining The Conference "Development and International Integration of Vietnam", Vietnam Ministry of Industry and Trade in conjunction with Vietnam Chamber of Commerce and Industry (VCCI) and Vietnam Advertisement & Fair Exhibition JSC.

2006	Joining the conference "E-learning and Deployments of E-learning at Universities", Center of
	Information Technology Development, Ho Chi Minh city, Vietnam, 2006.
08/2005	Joining the GIS conference "GISnet'11", Center for Developing Information Technology and
	Geographic Information System, HCMC University of Technology, Vietnam. August 8-9, 2005.

# Links

Links	
04/2018	https://publons.com/author/1230033
- now	Publons profile.
01/2018	http://www.engii.org/conference/AIR/1044o3270.html
_	Member Biography of Technical Program Committee member of The 3rd International Conference
11/2018	on Artificial Intelligence and Robots (AIR 2018), held on November 28 - 30, 2018, Sanya, China.
10/2017	http://scifed.com/scifed-journal-of-astrophysics/editorial-board.php
- now	http://scifed.com/scifed-journal-of-computer-science-applications/editorial-board.php
	http://scifed.com/journal-of-artificial-intelligence/editorial-board.php
	http://scifed.com/scifed-journal-of-telecommunication/editorial-board.php
	SciFed Group biography links.
10/2017	http://www.ic3k.org/Tutorials.aspx?y=2017
	Tutorial Lecturer of The 9th International Joint Conference on Knowledge Discovery, Knowledge
	Engineering and Knowledge Management (IC3K 2017), held on November 1 - 3, 2017 at Funchal,
	Madeira, Portugal.
10/2017	http://www.engii.org/conference/EBM/979o3144.html
-	Member Biography of Technical Program Committee member of The 9th International Conference
03/2018	on Engineering and Business Management (EBM 2018), held on March 23 - 25, 2018 at Guilin,
03/2010	China.
12/2016	Loc Nguyen is named in the list of excellent medical doctors of Ho Chi Minh City Society for
- now	Reproductive Medicine (HOSREM). This is a very big achievement.
10/2016	http://www.ieti.net/pro/memberdetail.aspx?ID=199
- now	Senior Member and President of Ho Chi Minh City Branch of International Engineering and
	Technology Institute (IETI), Hong Kong.
09/2016	http://www.reviewerpage.com/loc
- now	Elsevier Reviewer Page.
09/2016	http://www.datasciencecentral.com/profile/LocNguyen
- now	Data Science Central (DSC) member profile.
06/2016	https://www.mendeley.com/profiles/loc-nguyens-academic-network
- now	Mendeley profile.
06/2016	https://portfolio.interfolio.com/loc
- now	Interfolio profile.
05/2016	http://community.amstat.org/network/members/profile/?UserKey=57539550-16ad-4023-8b17-
- now	c55032871072
	American Statistical Association (ASA) Community profile.
05/2016	https://independentscholar.academia.edu/LocNguyen
- now	Academia profile.
05/2016	https://vn.linkedin.com/in/loc-nguyen-b9330510
- now	LinkedIn profile.
05/2016	https://www.google.com/+LocNguyen2000
- now	Google+ profile.
05/2016	http://www.ic3k.org/RDCommunity.aspx
- now	Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge
	Engineering and Knowledge Management (IC3K).
04/2016	http://an.locnguyen.net
- now	Loc Nguyen's Academic Network.
04/2016	http://medicalinformatics.conferenceseries.com/organizing-committee.php
-	Honorable Organization Committee Member Biography of The 4th International Conference on
10/2016	Medical Informatics and Health, October 06-07, 2016 London, UK.
01/2016	https://scholar.google.com/citations?user=UCWPyLoAAAAJ
- now	Google Scholar
01/2016	https://www.facebook.com/ngphloc
- now	Facebook profile.

08/2015	http://www.locnguyen.net
- now	Loc Nguyen' Homepage.
06/2015	http://member.acm.org/~ngphloc
- now	ACM membership.
06/2015	http://redfame.com/journal/index.php/set/about/editorialTeamBio/9990
- now	Editorial Board Member Biography of Studies in Engineering and Technology (SET) published by Redfame Publishing.
05/2015	http://www.scirp.org/journal/DetailedInforOfEditorialBoard.aspx?personID=10255
- now	Editorial Board Member Biography of Journal of Data Analysis and Information Processing
	(JDAIP), Scientific Research Publishing (SCIRP).
05/2015	http://www.engii.org/ws/CommitteeInfor.aspx?id=661&pid=392
-	Member Biography of Technical Program Committee member of International Conference on
11/2015	Data, Information and Knowledge Management (DIKM 2015). November 20-22, 2015, Guilin,
	China.
02/2015	www.researcherid.com/rid/F-7019-2014
- now	ResearcherID member.
01/2015	https://www.researchgate.net/profile/Academic_Network_Of_Loc_Nguyen
- now	Member Biography of ResearchGate.
2015 -	http://membership.sciencepublishinggroup.com/ngphloc
now	Editorial Board Member Biography of Science Publishing Group.
10/2014	http://www.aascit.org/membership/ngphloc
- now	Member Biography of American Association for Science and Technology (AASCIT).
12/2014	http://www.slideshare.net/LocNguyen38
- now	Presenter at SlideShare.
2014 -	http://allpoetry.com/Loc_Nguyen
now	Poet at AllPoetry.
05/2013	http://orcid.org/0000-0001-5192-8106
- now	ORCID researcher ID.
2007 -	http://www.thivien.net/Loc-Nguyen/m-poems-UekK6J7Sygd_D70qte6Ttg
now	Member of the poet community Thi Viện.

## **Scientific Metrics**

Google Scholar citations	140
Google Scholar h-index	5
Google Scholar i10-index	2
ResearchGate citations	63
ResearchGate h-index	3
ResearchGate reads	5064
ResearchGate recommendations	55
ResearchGate score	10.39

## XIV. References

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- Short biography:

Gary Shapiro is retired from Westat, where he was Senior Statistician from 1996 to 2009. Gary was the lead statistician, senior statistician, or/and task leader on over 30 projects, mostly involving survey sample design, weighting, and variance estimation. Prior to being at Westat, Gary was a Senior Statistician at Abt Associates from 1993 to 1996, where he was the lead statistician for a number of surveys. From 1965 to 1993 Gary was at the US Census Bureau. For almost 20 years of this period, he was an Assistant Chief of the Demographic Statistical Methods Division, where he oversaw the operation of up to five branches with the responsibility for sample design, weighting, and variance estimation for the demographic surveys. He is a cofounder of Statistics Without Borders, together with Steve Pierson and Fritz Scheuren. He served as initial SWB Co-Chair and then as Chair from 2010 to 2012. Now he is chair of New Projects Committee - Statistics Without Borders.

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