

CURRICULUM VITAE

Donate



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| <i>Full name</i> | Loc Nguyen |
| <i>Other names</i> | Nguyễn Phước Lộc Lục Bát Truyền Nhân Huyền Vũ Adam Nguyen |
| <i>Religion</i> | Society of God |
| <i>Titles</i> | Poet Mathematician Professor Director Editor-in-Chief Post-Doctorate Doctorate of Philosophy (PhD) Doctorate of Medicine (MD) Master of Business Administration (MBA) Engineer |
| <i>Date of birth</i> | August 29, 1979 |
| <i>Gender</i> | Male |
| <i>Citizen of</i> | Vietnam |
| <i>ORCID</i> | 0000-0001-5192-8106 |
| <i>ResearcherID</i> | F-7019-2014 |
| <i>Organization</i> | Loc Nguyen's Academic Network |
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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 believe 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 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:

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I. Education

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| 09/2009 - 11/2016 | Doctorate of Medicine (MD). <i>Supervisor:</i> 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 - 07/2016 | Post-Doctorate of Mathematics and Statistics. 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 Handbook & List of Members - 150th Anniversary Edition of London Mathematical Society as a very big award on May 17, 2016. |
| 09/2011 - 11/2013 | Post-Doctorate of Computer Science at Sunflower Soft Company , Vietnam. The dissertation is " A Framework of E-commercial Recommendation Algorithms ". <ul style="list-style-type: none"> • 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 - 12/2011 | Master of Business Administration (MBA) by Australian National University and PACE Institute of Leadership and Management, Vietnam in collaboration with Global Development Learning Network (Created by The World Bank). The graduated essay is Essay On Leadership . |
| 09/2007 - 12/2014 | Doctorate of Computer Science and Education (PhD) at Ho Chi Minh University of Science , Vietnam. The dissertation is " A User Modeling for Adaptive Learning ". <ul style="list-style-type: none"> • 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. • It is reviewed by Prof. Kinsuk at Athabasca University, Canada, October 2013. • It is presented at Doctoral Consortium of The 4th Conference on Information Technology and Telecommunications (ICTFIT 2012), Ho Chi Minh University of Science, Vietnam. |

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| | <ul style="list-style-type: none"> 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. It is presented at Athabasca University, Canada, November 2009. It is submitted firstly to Ho Chi Minh University of Science on August 31, 2009, Vietnam. |
| 09/2002 - 01/2005 | Master of Computer Science at Ho Chi Minh University of Science , Vietnam. The dissertation is " <i>An image searching framework combining low-level features and high-level semantics contents of images</i> ". |
| 09/1997 - 09/2001 | Bachelor of science in Information Technology at Ho Chi Minh University of Science , Vietnam. The thesis is " <i>Building up the tourist information map for Ho Chi Minh city</i> ". |
| 1993 - 1997 | Master of Theory of Yin-Yang , Book of Changes , and Oriental Astrology by self-education. |

II. Training Courses

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| 05/2017 - 01/2018 | Training course of Christian Books of the New Testament. Society of God. |
| 06/2017 | Lean Six Sigma Green Belt Basic Certification granted by Can Tho Obstetrics and Gynecology 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 City Society for Reproductive Medicine (HOSREM), with Dr. Mai-Phuong Thi Huynh . |
| 10/2016 | Completion of the professional development course " How to Communicate with Congress " certified by American Association for the Advancement of Science (AAAS). |
| 07/2016 | Completion of the professional development course " Communicating Science: Fundamentals for 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 - 02/2016 | College of Skills Training at Elsevier Publishing Campus . |
| 05/2014 - 08/2014 | Course of Marxism-Leninism, trained by Prof. Dr. Ba-Cuong Nguyen . 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 - 08/2014 | Mathematical courses at Institute of Mathematics - Vietnam Academy of Science and 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. Vietnam Chamber of Commerce and Industry (VCCI). |
| 08/2013 | Industrial Relations Management . Vietnam Chamber of Commerce and Industry (VCCI). The Overseas Human Resources and Industry Development Association (HIDA), Japan. |
| 08/2013 | Accounting tax . Vietnam Chamber of Commerce and Industry (VCCI). |

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| 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. University of New South Wales, Australia. |
| 10/2011 | Businessmen in the knowledgeable economic age. Be Training Organization, Vietnam. |
| 09/2011 | Production management for small & medium business. Institute of Management SAM, Ho Chi Minh city, Vietnam. |
| 08/2011 | Internet Marketing. 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, Vietnam. |
| 05/2011 | A Short Course on Algorithmic Group Testing by Prof. Quoc-Hung Ngo and Prof. Ky-Nam Nguyen. 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 Minh University of Technology, Vietnam. |
| 2010 - 2013 | Courses of Meditation (Zen) and Indian Philosophy by Prof. Kim-Hung Thi Nguyen - Inner Space Center. 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 - 2013 | Courses of Medicine and Pharmacology by Prof. Trung-Hung Phung - Ho Chi Minh City Medicine and Pharmacy University. |
| 08/2006 | Certificate of National Defense Cultivation. An Giang University, Vietnam. |
| 1993 - 1997 | Theory of Eastern Military. Self-education. |

III. Languages

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| 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

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

Teaching Experiences

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| 05/2017 - now | PhD dissertation examiner of National College of Business Administration & Economics , Lahore, Pakistan. |
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| 2012 - 2013 | Support to Prof. Dr. Minh-Phung Thi Do , when she did her PhD research at Ho Chi Minh University of Information Technology , Vietnam. |
| 2008 - 2009 | Lecturer at Ho Chi Minh University of Science , Vietnam. |
| 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 - 2007 | Lecturer at An Giang University , Vietnam. 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

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| 06/2018 - now | Editor-in-Chief of Adaptation and Personalization (ADP) Journal - International Technology and Science Publications (ITS). |
| 11/2017 - now | Independent Scholar at Loc Nguyen’s Academic Network . |
| 11/2016 - 01/2017 | Volunteering as Quality Assurance (QA) analyst for the project “Survey Sampling Design and Analysis” of Millennium Promise Alliance . |
| 11/2016 - 11/2017 | President of Ho Chi Minh City Branch of International Engineering and Technology Institute (IETI), Hong Kong. |
| 06/2016 - now | Professor of International Journal of Applied Mathematics and Machine Learning and Science Publishing Group (SciencePG) . |
| 03/2016 - 03/2017 | Fellow of Royal Statistical Society . |
| 09/2015 - now | Poet at AllPoetry. |
| 03/2015 - 07/2017 | Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group (SciencePG). |
| 04/2014 - 12/2015 | Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book “ <i>Matrix Analysis and Calculus</i> ” which is the product mentioned in section Products and Projects . |
| 03/2015 - now | Volunteering in Quality Assurance Committee of Statistics Without Borders . |
| 2014 - 2016 | Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book “ <i>Mathematical Approaches to User Modeling</i> ” which is the product mentioned in section Products and Projects . |
| 05/2014 - now | Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors , especially SCIENCEDOMAIN international . |
| 2014 - 08/2017 | Writing scientific books at Sunflower Soft Company , Vietnam. |
| 10/2011 - 08/2017 | Director at Sunflower Soft Company , Vietnam as director with duties: researcher, software architecture, programming, administration, human resource and finance. Main area focuses on scientific project and data analysis. |
| 2010 - 2011 | Working at TMA Solution Company , Ho Chi Minh city, Vietnam as consultant with duties: researching and developing software. Main areas include programming CMS system, system driver, language processing, computer graphics, game, and mobile. |
| 2008 - 2009 | Working at following companies: <ul style="list-style-type: none"> 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 |

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| | | software allows administrator to store, search and manage information in smart card. I also develop encryption functions. |
| 2006 2007 | - | Researching at IMPACT company, Ho Chi Minh city, Vietnam. |
| 2005 2007 | - | Working at An Giang University , Vietnam as researcher and lecturer with duties: <ul style="list-style-type: none"> • 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. • Deputy Secretary of Youth Union and Chairman of Informatics Club. |
| 2002 2005 | - | Working at Center of Information Technology Development , Ho Chi Minh city, Vietnam as software developer and lecturer. |
| 2005 | | Directorate Board Member of CLD software company. |
| 2001 2002 | - | Working at WorldSoft Company, Vietnam as DirectX programmer for the project of surveying passenger luggage through X-ray tube at airport. |
| 1993 now | - | On development of literature career by composing poems. These poetry writings are listed in section Art Works . |
| 1993 1997 | - | Volunteering as Oriental Astrologer. |

VIII. Publications

Science and technology - Articles

1. Nguyen, L., & Ho, Thu-Hang T. (2018, August 1). *Phoebe Framework and Experimental Results for Estimating Fetal Age and Weight*. In T. F. Heston, & T. F. Heston (Ed.), *eHealth - Making Health Care Smarter* (pp. 99-123). Rijeka, Croatia: InTechOpen. doi:10.5772/intechopen.74883
2. Nguyen, L. (2018, July 10). *Proposal of Evaluating Patients' Satisfaction about Quality of Healthcare System by Non-parametric Quality Control*. Open Science Framework (OSF) Preprints. doi:10.17605/OSF.IO/VUMHN
3. 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
4. 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
5. 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/whvq8>
6. Nguyen, L. (2018, January 17). *Nonparametric Hypothesis Testing Report*. Open Science Framework (OSF) Preprints. Retrieved from <http://osf.io/tj9cf>
7. 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
8. 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
9. 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
10. 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
11. 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>

12. 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>
13. 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
14. 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
15. 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
16. 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
17. Nguyen, L. (2016, June 10). *Continuous Observation Hidden Markov Model*. (M. G. De Garcia, Ed.) KAMERA Journal, 44(6), 65-149.
18. Nguyen, L. (2016, April 27). *Beta Likelihood Estimation and Its Application to Specify Prior Probabilities in Bayesian Network*. (H. M. Srivastava, P. Bracken, R. Jedynek, anonymous, & S. Zimeras, Eds.) British Journal of Mathematics & Computer Science, 16(3), 1-21. doi:10.9734/BJMCS/2016/25731.
19. Nguyen, L. (2016, April 8). *New version of CAT algorithm by maximum likelihood estimation*. (B. N. Buszewski, Ed.) Sylwan Journal, 160(4), 218-244.
20. Nguyen, L. (2016, March 28). *Theorem of SIGMA-gate Inference in Bayesian Network*. (V. S. Franz, Ed.) Wulfenia Journal, 23(3), 280-289.
21. 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.
22. Nguyen, L., & Ho, H. (2015, November 23). *A proposed method for choice of sample size without pre-defining error*. (F. Shi, Ed.) Journal of Data Analysis and Information Processing (JDAIP), 3(4), 163-167. doi:10.4236/jdaip.2015.34016
23. 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>
24. 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
25. 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
26. 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>.
27. 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
28. 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
29. 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>

30. 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
31. 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 | http://rem.locnguyen.net |
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).

| | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Type</i> | Special Issue |
| <i>Abstract</i> | <p>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:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> |
| <i>In</i> | <p>Applied and Computational Mathematics (ACM). <i>ISSN online:</i> 2328-5613, <i>ISSN print:</i> 2328-5605, <i>Open Access</i>. <i>Editors:</i> Abbdul-Sattar Jaber Al-Saif and more. <i>Editors of Special Issue:</i> Loc Nguyen and his group. <i>Publisher:</i> Science Publishing Group.</p> |
| <i>Identifiers</i> | |
| <i>Organizations</i> | <p><i>Funding agency:</i> Sunflower Soft Company, Vietnam. <i>Awarding agency:</i> Science Publishing Group. <i>Members:</i> Loc Nguyen and his group.</p> |
| <i>Role</i> | Leader Guest Editor |
| <i>Amount</i> | 5,000\$ |
| <i>Duration</i> | 2015 - 2017 |
| <i>Links</i> | http://www.sciencepublishinggroup.com/specialissue/147012 |

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

| | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Type</i> | Book |
| <i>Abstract</i> | <p>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. This book 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 book. 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:</p> <ul style="list-style-type: none"> • 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. <p>The whole book is available at http://mum.locnguyen.net</p> <p>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:</p> |

- <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 of 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](#).
- Role* Author
- Amount* 200\$
- Duration* 10/2013 - 08/2014
- Links* <http://www.aascit.org/journal/archive2?journalId=921&paperId=1017>.
<http://www.aascit.org/journal/archive2?journalId=921&paperId=1016>.
6. **Hudup - A framework of e-commercial recommendation algorithms** (2013).
- Type* Research project and middleware
- Abstract* 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*
- Organizations* *Operating agencies:* [Sunflower Soft Company](#), Vietnam and [Ho Chi Minh 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
- Amount* 76,000
- Duration* 2011 - 2013
- Links* <http://www.hudup.net>
7. **Phoebe - A framework of estimating fetus weight and age** (2013).
- Type* Research project
- Abstract* The project builds up a framework to estimate fetal weight and age via ultrasound 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, represented by Prof. Dr. Thu-Hang Thi Ho
Members: [Loc Nguyen](#), Thu-Hang Thi Ho.

Role Leader

Amount 1,400\$

Duration 2011 - 2013

Links <http://phoebe.locnguyen.net>

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

Duration 2007 - 2009

Links <http://zebra.locnguyen.net>.

9. **[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

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Organizations</i> | <i>Operating agency:</i> Individual and Prof. Cao-Van Doan. <i>Funding agency:</i> Ho Chi Minh University of Science , Vietnam and An Giang University , Vietnam. <i>Members:</i> Loc Nguyen , Cao-Van Doan. |
| <i>Role</i> | Leader |
| <i>Amount</i> | |
| <i>Duration</i> | 2002 - 2005 |
| <i>Links</i> | http://agmagic.locnguyen.net |

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

| | |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Type</i> | Computer software |
| <i>Abstract</i> | The software <i>Design</i> 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

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Organizations</i> | <i>Operating agency:</i> Individual. <i>Academic agency:</i> Ho Chi Minh University of Science , Vietnam with the supervisor Prof. Dr. Diem-Tien Thi Nguyen <i>Members:</i> Loc Nguyen . |
| <i>Role</i> | Leader |
| <i>Amount</i> | |
| <i>Duration</i> | 2000 - 2004 |
| <i>Links</i> | 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 “*Vỡ*” (2016 - 2018).
2. The seventh literary work is the collection of 52 poems “*Viết 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 “*Lại chưa đặt tên*” (2010 - 2011).
5. The fourth literary work is the collection of 50 poems “*Chưa đặt tên*” (2009 - 2010).
6. The third literary work is the collection of 55 poems “*Cà dao blog*” (2008 - 2009).
7. The second literary work is the verse story “*Lục 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 “*Lục 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 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 09/2018 | Publons Peer Review Awards 2018 for placing in the top 1% of reviewers in <i>Assorted*</i> on Publons’ global reviewer database, determined by the number of peer review reports performed during the 2017 - 2018 Award year. |
| 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 - 07/2017 | NSUT (Meritorious Artist) Mộng Thu chanted two poems “ Thơ Tình ” and “ Vườn Thơ ” in the collection “ Viết Tiếp Thơ Ông ”, 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 of Phoebe Framework: Optimal Formulas for Estimating Fetus Weight and Age” in Journal of 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 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 Emerging Technologies. |
| 09/2016 | Life Member of American Association for Science and Technology (AASCIT) with a large 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 Learning and Science Publishing Group (SciencePG) . |
| 05/2016 | Good evaluation on the article “Continuous Observation Hidden Markov Model” by Kasmera Journal (Thomson Reuters-SCIE). |

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| 05/2016 | Loc Nguyen was named in the Handbook & List of Members - 150th Anniversary 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 - 03/2017 | Fellowship member awarded by Royal Statistical Society . |
| 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 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 | 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 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 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 - now | Received many Certificates of Reviewer awarded by International Knowledge Press (IKPress). |
| 07/2015 | Postdoctoral Dissertation “ <i>Mathematical Approaches to User Modeling</i> ” submission successful in Journals Consortium . |
| 06/2015 | The music album “ <i>Lục Bát Truyền Nhân</i> ” by famous artists: NSUT (Meritorious Artists) Hồng Vân, Lệ Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long. |
| 05/2015 - now | Technical Program Committee member of many international conferences. |
| 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 publishing the book “ <i>Matrix Algebra and Calculus</i> ”. |
| 04/2015 - now | Received many Certificates of Reviewer awarded by SCIENCEDOMAIN international . |
| 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 “ <i>Some Novel Algorithms for Global Optimization and Relevant Subjects</i> ”, 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). |

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| 01/2015 | Scientific Research Publishing (SCIRP) awards to publishing the first edition of the book “ <i>Mathematical Approaches to User Modeling</i> ”. |
| 12/2014 | Visa entry permission for joining The 17 th 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 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. |
| 08/2013 | Delegate at the 8 th Vietnam National Congress of Mathematics. |
| 08/2013 | Best innovators award for the course “Business Plan & Innovation” with the contesting 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 “ <i>Tặng</i> ” by famous artists: NSƯT (Meritorious Artists) Hồng Vân, Bích Ngọc, Lê Hương, Ngô Đình Long. |

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

XII. Talks and Interviews

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| 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

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| 10/2018 - 05/2019 | Technical Program Committee member of The 4th Annual International Conference on Information System and Artificial Intelligence (ISAI2019), held on May 17 - 18, 2019, Changsha, Hunan, China. |
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| 10/2018 - 01/2019 | International Scientific Committees member of the 2019 International Conference on Artificial Intelligence, Control and Automation Engineering (AICAE2019), held on January 20 - 21, 2019, Wuhan, China. |
| 10/2018 - 03/2019 | Conference Technical Committees member of the 2019 International Conference on Blockchain Technology (ICBCT 2019), held on March 15 - 18, 2019, Honolulu, Hawaii, USA. |
| 10/2018 - 04/2019 | Technical Program Committee member of The 2019 International Conference on Software Engineering and Service Science (ICSESS2019), held on April 19 - 20, 2019, Wuhan, China. |
| 10/2018 - 07/2019 | Technical Program Committee member of Computing Conference 2019, held on July 16 - 17, 2019, London, United Kingdom. |
| 09/2018 - 05/2019 | Technical Program Committee member of Computer Vision Conference (CVC) 2019, held on May 2 - 3, 2019, Las Vegas, Nevada, United States. |
| 09/2018 - 02/2019 | Conference Technical Committees member of the 2019 2nd International Conference on Computer Graphics and Virtuality (ICCGV 2019), held on February 23 - 26, 2019, Jeju Island, Korea. |
| 09/2018 - 04/2019 | Co-Chair , Co-Editor, Advisory Committee member, and Technical Program Committee member of the 5th Annual International Conference on Network and Information Systems for Computers (ICNISC2019), held on April 19 - 20, 2019, Wuhan, China. |
| 09/2018 - 02/2019 | International Scientific Committees member of the 2019 2nd International Conference on Informatics, Control and Automation (ICA2019), held on February 27 - 28, 2019, Shenzhen, China. International Scientific Committees member of the 2019 International Conference on Modeling, Simulation, Optimization and Numerical Techniques (SMONT2019), held on February 27 - 28, 2019, Shenzhen, China. International Scientific Committees member of the 2019 International Conference on Advanced Electrical, Mechatronics and Computer Engineering (AEMCE2019), held on February 27 - 28, 2019, Shenzhen, China. International Scientific Committees member of the 2019 International Conference on Education, Management, Economics and Humanities (ICEMEH2019), held on February 27 - 28, 2019, Shenzhen, China. |
| 08/2018 - 12/2018 | Technical Program Committee member of The 2018 11th International Conference on Computer Science and Information Technology (ICCSIT 2018), held on December 21 - 23, 2018, Paris, France. |
| 08/2018 - 12/2018 | International Scientific Committees member of the 2018 International Conference on Computer, Communications and Mechatronics Engineering (CCME2018), held on December 22 - 23, 2018, Shanghai, China. International Scientific Committees member of The 2018 International Conference on Mathematics, Modeling, Simulation and Statistics Application (MMSSA2018), held on December 22 - 23, 2018, Shanghai, China. |
| 08/2018 - 09/2018 | Technical Program Committee member of the 2nd Annual International Conference on Data Science and Business Analytics (ICDSBA 2018), held on September 21 - 23, 2018, ChangSha, Hunan, China. |
| 07/2018 - 04/2019 | Reviewer of The 2019 International Conference on Soft Computing and Machine Learning (SCML2019), held on April 26 - 29, 2019, Wuhan, China. |
| 07/2018 - 09/2018 | International Scientific Committees member of the 2018 3rd International Conference on Computational Modeling, Simulation and Applied Mathematics (CMSAM2018), held on September 27 - 28, 2018, Wuhan, China. International Scientific Committees member of the 2018 2nd International Conference on Computer Science and Information Engineering (CSIE2018), held on September 27 - 28, 2018, Wuhan, China. International Scientific Committees member of the 2018 2nd International Conference on Applied Social Science, Education and Management Science (ASSEMS2018), held on September 27 - 28, 2018, Wuhan, China |
| 07/2018 - 03/2019 | Technical Committees member of the 2019 World Symposium on Artificial Intelligence (WSAI2019), held on March 8 - 10, 2019, Xi'an, China. |
| 07/2018 - now | Advisory Board Member of Acta Scientific Medical Sciences. |
| 07/2018 - 10/2018 | General Chair of the 2018 4th International Conference on Applied Mechanics and Mechanical Automation (AMMA2018), held on October 28 - 29, 2018, Beijing, China. |

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| | <p>International Scientific Committees member of the 2018 International Conference on Information, Electronic and Communication Engineering (IECE2018), held on October 28 - 29, 2018, Beijing, China.</p> <p>International Scientific Committees member of the 2018 International Workshop on Wireless Communication, Network and Multimedia Engineering (IWWCNME2018), held on October 28 - 29, 2018, Beijing, China.</p> <p>International Scientific Committees member of the 2018 International Conference on Applied Mathematics, Modeling and Intelligence Computation (AMMIC2018), held on October 28 - 29, 2018, Beijing, China.</p> |
| 07/2018 - 11/2018 | <p>International Scientific Committees member of the 2018 3rd International Conference on Education, Management and Systems Engineering (EMSE2018), held on November 25 - 26, 2018, Xiamen, China.</p> <p>International Scientific Committees member of the 2018 International Conference on Wireless Communication, Network and Information Technology (WCNIT2018), held on November 25 - 26, 2018, Xiamen, China.</p> |
| 06/2018 - 11/2018 | Technical Program Committee member of The Fourth International Conference on Science, Engineering and Environment (SEE), held on November 12 - 14, 2018, Nagoya, Japan. SEE is in collaboration of GEOMATE International Society . Conference papers will be published in the special issue of International Journal of GEOMATE (SCOPUS & ESCI index) if recommended by reviewers. |
| 06/2018 - 09/2018 | International Scientific Committees member of the 3rd 2018 International Conference on Communications, Information Management and Network Security (CIMNS2018), held on September 27 - 28, 2018, Wuhan, China. |
| 05/2018 - 11/2018 | International Editorial Board member of The 2018 International Conference on Economics, Management and Technology (IEMT2018), held on November 20 - 22, 2018, Bangkok, Thailand. |
| 05/2018 - 03/2019 | Technical Program Committee member of Future of Information and Communication Conference (FICC) 2019, held on March 14 - 15, 2019, San Francisco, USA. |
| 05/2018 - 08/2018 | 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. |
| 05/2018 - 12/2018 | Technical Program Committee member (Attendance Award) of The 2018 International Conference on Blockchain Technology and Applications (ICBTA 2018), December 10 - 12, 2018, Xi'an, China. |
| 05/2018 - 01/2019 | Technical Program Committee member (215\$ Award) of The 9th Annual International Congress of Information and Communication Technology (ICICT2019), January 11 - 13, 2019, Nanning, Guangxi, China. |
| 05/2018 - 12/2018 | International Technical Committees member (100\$ Award) of The 2018 4th IEEE International Conference on Computer and Communications (ICCC2018), December 7 - 10, 2018, Chengdu, China. |
| 04/2018 - 11/2018 | Conference Technical Committees member (100\$ Award) of 2018 International Conference on 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 - 06/2018 | <p>International Scientific Committees member of The 2018 International Conference on Computational Modeling, Simulation and Mathematical Statistics (CMSMS2018), June 24 - 25, 2018, Xi'an, China.</p> <p>International Scientific Committees member of The 2018 3rd International Conference on Electrical, Automation and Mechanical Engineering (EAME2018), June 24 - 25, 2018, Xi'an, China.</p> <p>International Scientific Committees member of The 2018 2nd International Conference on Artificial Intelligence and Software Engineering (AISE2018), June 24 - 25, 2018, Xi'an, China.</p> |
| 04/2018 - 07/2018 | 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 - 10/2018 | International Scientific Committee member of 6th Annual 2018 International Conference on Geo-Spatial Knowledge and Intelligence (GSKI2018), October 26 - 28, 2018, Beijing, China. |
| 04/2018 - 08/2018 | Technical Program Committee member of the 2018 2nd International Conference on Cloud Technology and Communication Engineering (CTCE2018), held on August 17 - 19, 2018, Nanjing, China. |

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| 04/2018 | Co-Chair of the 4th Annual International Conference on Network and Information Systems for Computers (ICNISC2018), held on April 20 - 22, 2018, Wuhan, China. |
| 04/2018 | International Technical Committee member of the 2018 International Conference on Physics, Computing and Mathematical Modeling (PCMM2018), held on April 15 - 16, 2018, Shanghai, China. |
| 04/2018 - 07/2018 | Program Committee member of The 5th Multidisciplinary International Social Networks Conference (MISNC 2018), held on July 16 - 18, 2018, Saint-Etienne, France. <i>Program Chair: Prof. I-Hsien Ting</i> , National University of Kaohsiung, Taiwan. |
| 03/2018 - 09/2018 | Technical Committees member of The 2nd International Conference on Natural Language Processing and Information Retrieval (NLPPIR 2018), held on September 7 - 9, 2018, Bangkok, Thailand. |
| 01/2018 - 11/2018 | Technical Program Committee member of 4th EAI International Conference on Nature of 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 - 05/2018 | Technical Program Committee member of The 2nd Annual International Conference on Artificial Intelligence and Computer Engineering (AICE2018), held on May 18 - 20, 2018, Xi'an, China. |
| 01/2018 - 11/2018 | Technical Program Committee member of The 3rd International Conference on Artificial Intelligence and Robots (AIR 2018), held on November 28 - 30, 2018, Sanya, China. |
| 12/2017 - 12/2017 | International Scientific Committees member of The 2018 2nd International Conference on Humanity and Social Science (ICHSS2017), held on December 24 - 25, 2017, Xiamen, China. |
| 12/2017 - 03/2018 | International Scientific Committees member of The 2018 2nd International Conference on Energy and Power Engineering (EPE2018), held on March 25 - 26, 2018, Chengdu, China. |
| 11/2017 - 02/2018 | International Scientific Committees member of 2018 International Conference on Mechanical, Automation and Applied Mechanics (MAAM2018), held on February 7 - 8, 2018, Wuhan, China. International Scientific Committees member of 2018 International Conference on Modeling, Simulation and Analysis (ICMSA2018), held on February 7 - 8, 2018, Wuhan, China. |
| 11/2017 - 04/2018 | Program Committee member of The International Conference on Network Engineering and Information Security (NEIS2018), held on April 20 - 22, 2018, Wuhan, China. |
| 11/2017 - 06/2018 | Technical Program Committee member of The 3rd Annual International Conference on 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 - 11/2017 | General Chair of the 2017 3rd International Conference on Social, Education and Management Engineering (SEME2017), held on November 26 - 27, 2017, Shanghai, China. |
| 10/2017 - 01/2018 | International Scientific Committees member of the 2018 International Conference on Modeling, 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. |
| 09/2017 - now | Advisory Board member of International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE). |
| 09/2017 - now | Reviewer Committee member of International Association of Engineers (IAOES). |
| 09/2017 - now | Scientific Committee member of International Centre of Excellence in Engineering & Technology (ICEEAT). |
| 09/2017 - now | Reviewer Committee member of Universal Researchers in Civil and Architecture Engineering (URCAE). |
| 09/2017 - now | Reviewer Committee member of International Forum of Engineers & Practitioners (FENP). Reviewer Committee member of International Forum on Food, Agriculture and Biological Sciences (FFABS). |
| 09/2017 - now | Reviewer Committee member of International Academy of Industrial, Mechanical & Aeronautical Engineering (IAIMAE). |

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| 09/2017 - 12/2017 | International Scientific Committees member of 5th Annual 2017 International Conference on Geo-Spatial Knowledge and Intelligence (GSKI2017), December 8 - 10, 2017, Chiang Mai, Thailand. |
| 09/2017 - 12/2017 | International Scientific Committees member of the 2017 2nd International Conference on Computer, Mechatronics and Electronic Engineering (CMEE2017), December 24 - 25, 2017, Xiamen, China. |
| 09/2017 - 11/2017 | Technical Program Committee member of 3rd EAI International Conference on Nature of 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 - 10/2017 | International Scientific Committees member of the 2nd 2017 International Conference on Communications, Information Management and Network Security (CIMNS2017), held on October 22 - 23, 2017, Beijing, China. |
| 08/2017 - 11/2017 | International Scientific Committees member of The 3rd International Conference on Artificial Intelligence and Industrial Engineering (AIIE2017), held on November 26 - 27, 2017, Shanghai, China. |
| 08/2017 - 10/2017 | Technical Program Committee member of the 2017 2nd International Conference on Applied 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. |
| 06/2017 - 08/2017 | Technical Program Committee member of the 2017 4th International Conference on Education Reform and Modern Management (ERMM2017), held on August 6 - 7, 2017, Phuket, Thailand. |
| 05/2017 - 06/2017 | International Scientific Committees member of the 2017 2nd International conference on Advanced Management Science and Information Engineering (AMSIE2017), held on June 25 - 26, 2017, Sanya, China. |
| 04/2017 - 06/2017 | Technical Program Committee member of the 2017 International Conference on Computer, Electronics and Communication Engineering (CECE2017), held on June 25 - 26, 2017, Sanya, China. |
| 04/2017 - 05/2017 | Technical Program Committee member of the 2017 2nd International Conference on Test, Measurement and Computational Method (TMCM2017), held on May 21 - 22, 2017, Beijing, China. |
| 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, Beijing, China. |
| 03/2017 - 11/2017 | Technical Program Committee member of the 2017 3rd Annual International Conference on Computer Science and Mechanical Automation (CSMA2017), held on November 10 - 12, 2017, Wuhan, China. |
| 03/2017 - 10/2017 | Technical Program Committee member of the 2017 International Conference on Computer Engineering and Information System (CEIS2017), held on October 20 - 22, 2017, Xiamen, China. |
| 02/2017 - 04/2017 | International Scientific Committees member of the 2017 International Conference on Energy, Power and Environmental Engineering (ICEPEE2017), held on April 23 - 24, 2017, Shanghai, China. |
| 01/2017 - 03/2017 | International Scientific Committees member of the 2017 2nd International Conference on Modelling, Simulation and Applied Mathematics (MSAM2017), held on March 26 - 27, 2017, Bangkok, Thailand. |
| 01/2017 - 03/2017 | International Scientific Committees member of the 2017 International Conference on Mechanical and Mechatronics Engineering (ICMME2017), held on March 26 - 27, 2017, Bangkok, Thailand. |
| 01/2017 - 08/2017 | Technical Program Committee member of the 2017 International Conference on Cloud Technology and Communication Engineering (CTCE2017), held on August 18 - 20, 2017, Guilin, China. |
| 01/2017 | Technical Program Committee member of the 2017 International Conference on Materials, Machinery and Information Technology Applications (MMITA2017), held on January 15 - 16, 2017, Beijing, China. |

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| 12/2016 - 03/2017 | Technical Program Committee member of the 2017 International Conference on Advanced Education and Management Science (AEMS2017), held on March 26 - 27, 2017, Bangkok, Thailand. |
| 12/2016 - 01/2017 | Program Committee member of the 2nd International Conference on Control and Automation (ICCA2017), held on January 13 - 15, 2017, Shenzhen, China. |
| 11/2016 - 07/2017 | Program Committee member of The 4rd Multidisciplinary International Social Networks Conference (MISNC 2017), held on July 17 - 19, 2017, Bangkok, Thailand. <i>Program Chair: Prof. I-Hsien Ting</i> , National University of Kaohsiung, Taiwan. |
| 11/2016 - 01/2017 | Technical Program Committee member of the 2017 2nd International Conference on Information Technology and Management Engineering (ITME2017), held on January 15 - 16, 2017, Beijing, China. |
| 11/2016 - 12/2016 | Technical Program Committee member of the 2016 International Conference on Modeling, Simulation and Optimization Technologies and Applications (MSOTA2016), held on December 18 - 19, 2016, Xiamen, China. |
| 09/2016 - 12/2016 | Technical Program Committee member of the 2016 2nd International Conference on Sustainable Energy and Environmental Engineering (SEEE2016), held on December 18 - 19, 2016, Xiamen, China. |
| 09/2016 - 03/2017 | Technical Program Committee member of the 2017 International Conference on Advanced Technologies Enhancing Education (ICAT2E2017), held on March 18 - 20, 2017, Qingdao, China. |
| 09/2016 - 10/2016 | Technical Program Committee member of the 2016 International Conference on Advanced Materials Science and Technology (AMST2016), held on October 30 - 31, 2016, Shenzhen, China. |
| 08/2016 - 11/2016 | Technical Program Committee member of the 2016 International Conference on Education, Management and Applied Social Science (EMASS2016), held on November 20 - 21, 2016, Beijing, China. |
| 08/2016 - 10/2016 | Technical Program Committee member of the 2016 International Conference on Mathematical, Computational and Statistical Sciences and Engineering (MCSSE2016), held on October 30 - 31, 2016, Shenzhen, China. |
| 08/2016 - 09/2016 | Technical Program Committee member of the 2016 International Conference on Management, 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 - 11/2016 | Technical Program Committee member of The 2nd International Conference on Artificial Intelligence and Industrial Engineering (AIIE2016), held on November 20 - 21, 2016, Beijing, China. |
| 07/2016 - 11/2016 | Technical Program Committee member of The 2016 International Conference on Wireless Communication and Network Engineering (WCNE2016), held on November 20 - 21, 2016, Beijing, China. |
| 07/2016 - now | Honorable Organization Committee member of The Second International Conference on Science, Engineering and Environment (SEE), Japan. SEE is in collaboration of GEOMATE International Society . |
| 04/2016 - 11/2017 | Honorable Organization Committee member of The 4th and 5th International Medical Informatics Series Conferences. |
| 03/2016 - 04/2016 | Technical Program Committee member of the 2nd Annual International Conference on Network and Information Systems for Computers (ICNISC2016), April 15 - 17, 2016, Wuhan, China. |
| 03/2016 - now | Program Committee member of the GlobalCIS International Conferences. |
| 02/2016 - 08/2016 | Program Committee member of The 7th International Workshop on Mining and Analyzing Social Networks for Decision Support (MSNDS 2016) in conjunction with IEEE/ACM ASONAM 2016. August 18-21, 2016, UC Davis, Davis, CA, USA. <i>Organization Chair: Prof. I-Hsien Ting</i> , National University of Kaohsiung, Taiwan. |
| 01/2016 - 08/2016 | Program Committee member of The 3rd Multidisciplinary International Social Networks Conference (MISNC 2016), August 15 - 17, 2016, New Jersey, USA. <i>Program Chair: Prof. I-Hsien Ting</i> , 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. |
| 12/2015 - 11/2016 | Technical Program Committee member of 5th EAI International Conference on Context-Aware Systems and Applications (ICCASA 2016), November 24 - 25, 2016, Thu Dau Mot, Vietnam. |

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| 09/2015 - 12/2015 | Reviewer Committee member of International Conference on Computer, Control and Communication Technologies (CCCT 2015), December 3 - 4, 2015, Antalya, Turkey. |
| 08/2015 - now | Technical Program Committee member of INDIACom - International Conference on Computing for Sustainable Global Development. |
| 07/2015 - 10/2015 | Honorable Technical Program Committee member of International Conference on Artificial Intelligence, Software Engineering and Industrial Application (AISEIA 2015). October 25 - 26, 2015, Bangkok, Thailand. |
| 05/2015 - 11/2015 | Technical Program Committee member of International Conference on Data, Information and 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 - 05/2017 | Taskforce member of quality assurance manual development and implementation of Statistics Without Borders . |
| 02/2015 - now | Member of Quality Assurance Committee of Statistics Without Borders . |
| 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

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| 10/2018 - now | Reviewer of Journal of Advances in Computational and Applied Sciences (ACAS) - Isaac Scientific Publishing. |
| 10/2018 - now | Reviewer of Open Access Journals . |
| 09/2018 - now | Editorial Board member of Current Scientific Research in Biomedical Sciences (CSRBS) - Chembio Publisher. |
| 06/2018 - now | Editor of International Journal of Innovation and Research in Educational Sciences (IJIRES). Publisher: Timeline Publication Pvt. Ltd. |
| 06/2018 - now | Reviewer of Nursing Practice Today . |
| 05/2018 - now | Reviewer of COJ Electronics & Communications - Crimson Publishing. |
| 05/2018 - now | Reviewer of Journal of Mathematics and Computer Applications Research - TJPRC Publisher. |
| 05/2018 - now | Editorial Board member of Mathematics and Humanities Engineering Open Access Open Journal (MHEOAOJ) - SOAOJ Publishing. |
| 04/2018 - now | Reviewer of BEST: International Journal of Management, Information Technology and Engineering. |
| 04/2018 - now | Reviewer of Experimental Medicine (EM) - International Technology and Science Publications (ITS). |
| 04/2018 - now | Reviewer of International Journal of Research and Review (IJRR). |
| 04/2018 - now | Editorial Board member of International Educational Scientific Research Journal (IESRJ). |
| 04/2018 - 12/2022 | Editor of Clausius Scientific Press (CSP). |
| 04/2018 - now | Reviewer of IASET: Journal of Applied Mathematics & Statistical Sciences. |
| 03/2018 - now | Area Editor of EAI Endorsed Transactions on Ambient Systems . |
| 03/2018 - now | Reviewer of IEEE Transactions on Knowledge and Data Engineering (TKDE). |
| 02/2018 - now | Editorial Board member of International Journal of Modern Research In Engineering & Management (IJMREM). |
| 01/2018 - now | Editorial Board member of Explore Science and Technology. |
| 01/2018 - now | Reviewer of Informatica . |
| 01/2018 - now | Member of Advisory Board of Gynecology and Reproductive Endocrinology, Allied Academies. |

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| 01/2018 - now | Reviewer of IJRDO Journal . |
| 01/2018 - now | Editorial Board member of Journal of Nursing Research and Practice - Pulsus Group. |
| 01/2018 - now | Editorial Board member of Journal of Hospital and Healthcare Administration - Gavin Publishers. |
| 01/2018 - now | Reviewer of Journal of Primary Health Care & General Practice - Scient Open Access . |
| 12/2017 - now | Reviewer of Perceptions in Reproductive Medicine (PRM) - Crimson Publishing. |
| 11/2017 - now | Editorial Board member of JournalsPub . |
| 11/2017 - now | Editorial Board member of International Journal of Research in Engineering and Innovation (IJREI). |
| 11/2017 - now | Reviewer of Asian Journal of Fuzzy and Applied Mathematics (AJFAM). |
| 11/2017 - now | Editorial Board member of Topics in Intelligent Computing and Industry Design (ICID). |
| 10/2017 - now | Editorial Board member of Engineering and Technology Journal (ETJ) - Everant Publisher. |
| 10/2017 - now | Editorial Board member of International Journal of Recent Research and Review (IJRRR). |
| 08/2017 - 08/2020 | Editorial Board member of International Knowledge Press (IKPress). |
| 07/2017 - now | Honorable Associate Editorial Board member of Research in Medical & Engineering Sciences (RMES) - Crimson Publishing. |
| 05/2017 - now | Editorial Board member of Scientific Federation (SciFed Group). |
| 03/2017 - 07/2017 | Reviewer of The 10th International Multi-Conference on Engineering and Technological Innovation (IMETI 2017), held on July 8 - 11, 2015, Orlando, Florida, USA. |
| 02/2017 - now | Reviewer of Inderscience Publishers . |
| 12/2016 - now | Reviewer of International Journal for Innovative Research in Science & Technology (IJIRST). |
| 12/2016 - now | Reviewer of International Journal of Science and Engineering Investigations (IJSEI). |
| 10/2016 - now | Reviewer of American Society for Engineering Education (ASEE). |
| 10/2016 - now | Reviewer of Engineering & Technology Research Group (ETRG). |
| 10/2016 - now | Reviewer of Herald International Research Journals (HIRJ). |
| 09/2016 - now | Reviewer of Eminent Association of Researchers in Engineering & Technology (EARET). |
| 09/2016 - 09/2017 | Editorial Board Member of Journal of Convergence Information Technology (JCIT). |
| 07/2016 - now | Reviewer of Global Journals. |
| 07/2016 - now | Associate Editor of MedWin Publishers. |
| 07/2016 - 10/2016 | Invited Reviewer of The 2016 International Conference on Agriculture, Energy and Environment Engineering (AEEEE2016), held on October 29-30, 2016 in Bangkok, Thailand. |
| 07/2016 - now | Honorable Reviewer of Gynaecology and Perinatology Journal - Scientia Ricerca Publisher. |
| 06/2016 - 12/2016 | Reviewer of the 2nd International Conference on Fuzzy System and Data Mining (FSDM 2016). |
| 05/2016 - now | Editorial Board Member of Bulletin of Mathematics and Statistics Research (BOMSR). |

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| 05/2016 - now | Editorial Board Member of Journal of The International Association of Advanced Technology and Science (JIAATS). |
| 05/2016 - now | Reviewer of Computational Intelligence . |
| 04/2016 - now | Editorial Board member of International Journal of Advanced Engineering and Management Research (IJAEMR). |
| 04/2016 - now | Honorable Editorial Board member of Scientia Research Library. |
| 03/2016 - now | Reviewer of Global Research and Development Journals (GRD). |
| 03/2016 - now | Reviewer of conference series International Conference on Computational Methods (ICCM). |
| 03/2016 - now | Reviewer of Conference123.net . |
| 03/2016 - now | Reviewer of International Education and Research Journal (IERJ). |
| 02/2016 - now | Reviewer of International Association of Humanities, Social Sciences & Management Researchers (HSSMR). |
| 02/2016 - now | Reviewer of Journal of Intelligent Information Systems (JIIS). |
| 02/2016 - now | Reviewer of Complex & Intelligent Systems (CAIS). |
| 02/2016 - now | Reviewer of Asian Online Journal Publishing Group . |
| 02/2016 - now | Reviewer of Journal of Applied Mathematics and Computer Application - Brainy Buzz. |
| 02/2016 - now | Editorial Board member of International Journal of Emerging Engineering Research and Technology (IJEERT), SRYAHWA Publications. |
| 01/2016 - now | Editorial Board member of Jakraya Publications . |
| 12/2015 - now | Reviewer of Statistics, Optimization & Information Computing (SOIC) - An International Journal. |
| 12/2015 - now | Reviewer of Innovative Food Science and Emerging Technologies (IFSET). |
| 12/2015 - now | Reviewer of Advances in Computer Science: an International Journal. |
| 12/2015 - now | Guest Editor of EduPedia Publications. |
| 12/2015 | Reviewer of 2015 International Conference on Electrical, Electronics and Mechatronics (ICEEM2015), December 20-21, 2015, Phuket, Thailand. |
| 12/2015 - 03/2016 | Reviewer of 2nd EAI International Conference on Nature of Computation and Communication (ICTCC 2016), March 17-18, 2016, Rach Gia, Vietnam. |
| 12/2015 - 11/2016 | Reviewer of 5th EAI International Conference on Context-Aware Systems and Applications (ICCASA 2016), November 24-25, 2016, Thu Dau Mot, Vietnam. |
| 12/2015 - now | Reviewer of International Association of Engineering & Technology Researchers (IAETR). |
| 12/2015 - now | Reviewer of International Academy of Computer & IT Engineering (IACITE). |
| 12/2015 - now | Reviewer of Global Publishing Corporation . |
| 11/2015 - now | Reviewer of Open Access Library Journal (OALib Journal). |
| 11/2015 - now | Reviewer of Universal Researchers in Engineering (URENG). |
| 10/2015 - 11/2015 | Editorial Board member of International Conference on Advances in Engineering Science and management (ICAESM 2015), Agra, India, November 8, 2015. |
| 10/2015 - now | Reviewer of International Journal of Artificial Intelligence in Education (IIAIED). |

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| 10/2015 now | - | Editorial Board member of International Institute of Engineers (IIENG). |
| 09/2015 now | - | Editor of PENCIL Publication of Physical Sciences and Engineering (PPPSE). |
| 09/2015 12/2015 | - | Reviewer of The 5th International Conference on Electronics, Communications and Networks (CECNet 2015), December 12-15, 2015, Shanghai, China. |
| 09/2015 12/2015 | - | Reviewer of International Conference on Computer, Control and Communication Technologies (CCCT), December 3-4, 2015, Antalya, Turkey. |
| 09/2015 now | - | Reviewer of Multidisciplinary Digital Publishing Institute (MDPI). |
| 09/2015 now | - | Author and Reviewer of International Journal of Biomedical Research , Scholar Science Journals. |
| 09/2015 now | - | Author and Reviewer of Jurnal Teknologi . |
| 07/2015 now | - | Member in Advisory Editorial Board of International Journal of Emerging Technology and Advanced Engineering (IJETAE). IJETAE is approved by National Science Library (NSL), National Institute of Science Communication And Information Resources (NISCAIR), Council of Scientific and Industrial Research, New Delhi, India. |
| 06/2015 now | - | Editorial Board Member of Studies in Engineering and Technology (SET) published by Redfame Publishing. |
| 06/2015 07/2015 | - | Reviewer of The 8th International Multi-Conference on Engineering and Technological Innovation (IMETI 2015), held on July 12 - 15, 2015, Orlando, Florida, USA. |
| 06/2015 now | - | Reviewer of Cognitive Computation . |
| 06/2015 now | - | Editorial Board member of Science Publishing Group (SciencePG) . |
| 05/2015 10/2015 | - | Guest Editor of Special Issue “Data Mining Applications” , American Journal of Software Engineering and Applications, Science Publishing Group (SciencePG). |
| 05/2015 now | - | Reviewer of International Institute of Informatics and Systemics (IIS). |
| 04/2015 now | - | Reviewer of Cogent OA . |
| 04/2015 now | - | Author of Academic Journals . |
| 04/2015 now | - | Guest Reviewer of Scientific Research Publishing (SCIRP) . |
| 03/2015 now | - | Reviewer of International Knowledge Press (IKPress). |
| 03/2015 now | - | Author and Reviewer of SCIENCEDOMAIN international . |
| 03/2015 09/2015 | - | Reviewer of The 5th International Conference on Electronics, Communications and Networks (CECNET2015), December 12th-15th, 2015, Shanghai, China. |
| 02/2015 07/2017 | - | Lead Guest Editor of Special Issue “Some Novel Algorithms for Global Optimization and Relevant Subjects” , Applied and Computational Mathematics, Science Publishing Group (SciencePG). |
| 01/2015 now | - | Reviewer of Journal Issues . |
| 2015 now | - | Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE). |
| 01/2015 now | - | Reviewer of American Association for Science and Technology (AASCIT). |
| 09/2014 12/2014 | - | Reviewer of The 5th International Conference on Electronics, Communications and Networks (CECNet 2014), December 12-15, 2014, Beijing, China. |
| 08/2014 now | - | Reviewer of PAK Publishing Group . |
| 07/2014 03/2015 | - | Reviewer of The 4th International Conference on Biomedical Engineering and Biotechnology (ICBEB2015), August 18th - 21st, 2015, Shanghai, China. |
| 05/2014 06/2014 | - | Reviewer of International Conference Interactive Collaborative Learning (ICL2014) and The 2014 World Engineering Education Forum (WEEF2014). |

Scholar Visitings

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

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| 07/2018 - now | Member of Bibliotheca Alexandrina Information for Africa (BAIFA). |
| 11/2017 - 11/2020 | Senior member of Institute of Research Engineers and Doctors (theIRED). |
| 11/2017 - now | Member of International Association of Engineers (IAENG). |
| 11/2016 - now | Member of Vietnamese Society of Ultrasound in Medicine (VSUM). |
| 09/2016 - now | Member of Data Science Central (DSC). |
| 09/2016 - now | Life Member of American Association for Science and Technology (AASCIT). |
| 09/2016 - now | Member of Trellis . Trellis is an exciting, new, digital communication and collaboration platform from The American Association for the Advancement of Science (AAAS). |
| 09/2016 - now | Editorial Board member of Journal of Harmonized Research Publications (JOHR). |
| 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 of International Engineering and 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 advance 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). |
| 04/2016 - now | Member of International Statistical Institute (ISI). |
| 04/2016 - now | Member of International Biometric Society (IBS). |
| 03/2016 - now | Member of International Chinese Statistical Association (ICSA). |
| 02/2016 - now | Member of Nature Magazine . |
| 02/2016 - now | Member of The American Association for The Advancement of Science (AAAS). |
| 01/2016 - now | Member of Construx: Software Development Best Practices laid by Steve McConnell . |
| 01/2016 - now | Member of Journal of Harmonized Research (JOHR). |
| 01/2016 - now | Member of Convergence Information Society (CIS). |
| 01/2016 - now | Member of EDAS: Editor's Assistant . |
| 01/2016 - now | Researcher of Project Euclid: mathematics and statistics online . |
| 01/2016 - now | Member of ACM Special Interest Group on Knowledge Discovery in Data (SIGKDD). |

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| 2015 - now | - | Member of Eastern North American Region (ENAR), International Biometric Society. |
| 2015 - now | - | Member of Integration Developer News . |
| 12/2015 now | - | Member of Universal Conference Alerts . |
| 12/2015 now | - | Member of Web Intelligence Consortium (WIC). |
| 12/2015 now | - | Member of Institute of Mathematical Statistics (IMS). |
| 12/2015 now | - | Member of European Alliance for Innovation (EAI). |
| 12/2015 now | - | Member of BVICAM International Journal of Information Technology (BIJIT). |
| 12/2015 now | - | Professional member of Association for Computing Machinery (ACM). |
| 11/2015 now | - | Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K). |
| 10/2015 11/2015 | - | Editorial Board member of International Conference on Advances in Engineering Science and management (ICAESM 2015), Agra, India, November 8, 2015. |
| 10/2015 now | - | Editorial Board member of International Institute of Engineers (IIENG). |
| 08/2015 03/2016 | - | Member of 10th INDIACom ; 3rd 2016 International Conference on Computing for Sustainable Global Development, March 16-18, 2016. |
| 08/2015 12/2015 | - | Member of Computer Society of India - The 50th Golden Jubilee Annual Convention (CSI-2015), December 2-6, 2015. |
| 08/2015 now | - | Member of GlobalCompliancePanel . GlobalCompliancePanel is a training source that delivers diverse, high quality regulatory & compliance trainings. |
| 08/2015 now | - | Member of O'Reilly Publisher . |
| 07/2015 now | - | Member of The International Statistical Institute (ISI). |
| 07/2015 now | - | Member of International Association for Official Statistics (IAOS) - The International Statistical Institute (ISI). |
| 07/2015 now | - | Member of Cambodian Mathematical Society . |
| 07/2015 now | - | Member of The Co-operative Group . |
| 07/2015 now | - | Member of European Mathematical Society (EMS). |
| 07/2015 now | - | Member of American Mathematical Society (AMS). |
| 06/2015 now | - | Member of Institute for Systems and Technologies of Information, Control and Communication (INSTICC). |
| 06/2015 now | - | Member of American Society for Engineering Education (ASEE). |
| 06/2015 now | - | Member of Association for Computing Machinery (ACM). |
| 04/2015 now | - | Member of The Science and Information (SAI) Organization. |
| 04/2015 now | - | Member of Royal Statistical Society . |
| 2015 - now | - | Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE). |
| 02/2015 now | - | ResearcherID member: www.researcherid.com/rid/F-7019-2014 . |
| 02/2015 now | - | Member of Quality Assurance Committee of Statistics Without Borders . |
| 01/2015 now | - | Member of ResearchGate. |

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| 10/2014 - 09/2015 | Member of American Association for Science and Technology (AASCIT). |
| 2014 - now | Poet at AllPoetry. |
| 08/2013 - now | Member of Vietnam Mathematics Society (VMS). |
| 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 - now | ORCID member: orcid.org/0000-0001-5192-8106 . |
| 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

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| 11/2017 - now | Joining SWB Quality Assurance Committee Meetings of Statistics Without Borders (SWB). |
| 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 - 01/2018 | 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. 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). |
| 12/2016 | Delegate at The 2016 National Menopause Congress with Dr. Mai-Phuong Thi Huynh on December 10, 2016, Vung Tau, Vietnam. |
| 11/2016 | Joining the 12th Annual Conference of Ho Chi Minh City Society for Reproductive Medicine (HOSREM) for presenting the work “ <i>A Framework of Estimating Fetus Weight and Age</i> ” at Ho Chi Minh city, Vietnam, November 26, 2016. |

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| 09/2016 | Participating in the seminar “Next Generations Leaders (NGL)” organized by PACE Institute of Management, 22nd September 2016, Ho Chi Minh city, Vietnam. |
| 08/2016 | Joining Statistics Without Borders (SWB) Business Meeting at The 2016 Joint Statistical Meeting (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 speaker Seth Winis (Software Development Guru, YOGA Expert) and moderator Will Tracz (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 | 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 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 | 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 Petanthropy ” presented by Marie Oldfield, organized by Prof. Michiko I. Wolcott (Msight Analytics, LLC). |
| 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 | Participating in the seminar “Awareness of International Enterprise Integration”, PACE Institute of Management and The Institute for Research on Educational Development (IRED), 28th December 2015, Ho Chi Minh city, Vietnam. |
| 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 Analytics, LLC). |
| 11/2015 | Participating in the European Project Space with the project “ Hudup - A framework of e-commercial recommendation algorithms ” at The 7th International Conference on Knowledge Discovery and Information Retrieval (KDIR 2015), Lisbon, Portugal. |
| 11/2015 | Joining The 7th International Conference on Knowledge Discovery and Information Retrieval (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 |

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| | paper “ A New Approach for Collaborative Filtering based on Bayesian Network Inference ” at Lisbon, Portugal, November 12-14, 2015. |
| 04/2015 - 06/2016 | Joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB) 9 times. |
| 12/2014 | Presenting the conference paper “ Evaluating Adaptive Learning Model ” and demonstrating the research “ A User Modeling System for Adaptive Learning ” in The 17 th International Conference Interactive Collaborative Learning (ICL2014), The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE. |
| 04/2014 | Joining The 12th 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 Consulting , and Vietnam Chamber of Commerce and Industry (VCCI). |
| 08/2013 | Delegate at the 8th 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 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

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| 09/2018 - now | https://chembiopublishers.com/CSRBS/editorial-board.php Editorial Board Member of Current Scientific Research in Biomedical Sciences (CSRBS). |
| 07/2018 - now | https://www.actascientific.com/as-editorial_popup-asms.php?aseb_id=193 Advisory Board Member of Acta Scientific Medical Sciences. |
| 06/2018 - now | https://gitlab.com/ngphloc GitLab profile. |
| 04/2018 - now | https://publons.com/author/1230033 Publons profile. |
| 01/2018 - 11/2018 | http://www.engii.org/conference/AIR/1044o3270.html Member Biography of Technical Program Committee member of The 3rd International Conference on Artificial Intelligence and Robots (AIR 2018), held on November 28 - 30, 2018, Sanya, China. |
| 10/2017 - now | http://scifed.com/scifed-journal-of-astronautics/editorial-board.php 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 - 03/2018 | http://www.engii.org/conference/EBM/979o3144.html Member Biography of Technical Program Committee member of The 9th International Conference on Engineering and Business Management (EBM 2018), held on March 23 - 25, 2018 at Guilin, China. |
| 12/2016 - now | Loc Nguyen is named in the list of excellent medical doctors of Ho Chi Minh City Society for Reproductive Medicine (HOSREM). This is a very big achievement. |
| 10/2016 - now | http://www.ieti.net/pro/memberdetail.aspx?ID=199 Senior Member of International Engineering and Technology Institute (IETI), Hong Kong. |
| 09/2016 - now | http://www.reviewerpage.com/loc Elsevier Reviewer Page. |
| 09/2016 - now | http://www.datasciencecentral.com/profile/LocNguyen Data Science Central (DSC) member profile. |
| 06/2016 - now | https://www.mendeley.com/profiles/loc-nguyens-academic-network Mendeley profile. |
| 06/2016 - now | https://portfolio.interfolio.com/loc Interfolio profile. |
| 05/2016 - now | http://community.amstat.org/network/members/profile/?UserKey=57539550-16ad-4023-8b17-c55032871072 American Statistical Association (ASA) Community profile. |
| 05/2016 - now | https://independentscholar.academia.edu/LocNguyen Academia profile. |
| 05/2016 - now | https://vn.linkedin.com/in/loc-nguyen-b9330510 LinkedIn profile. |
| 05/2016 - now | https://www.google.com/+LocNguyen2000 Google+ profile. |
| 05/2016 - now | http://www.ic3k.org/RDCommunity.aspx Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K). |
| 04/2016 - now | http://an.locnguyen.net Loc Nguyen's Academic Network. |
| 04/2016 - 10/2016 | http://medicalinformatics.conferenceseries.com/organizing-committee.php Honorable Organization Committee Member Biography of The 4th International Conference on Medical Informatics and Health, October 06-07, 2016 London, UK. |
| 01/2016 - now | https://scholar.google.com/citations?user=UCWPYLoAAAAJ Google Scholar |
| 01/2016 - now | https://www.facebook.com/ngphloc Facebook profile. |

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