### **CURRICULUM VITAE**





| Full name     | Loc Nguyen  |
|---------------|---|
| Other names   | Nguyễn Phước Lộc  |
|               | Lục Bát Truyền Nhân   |
|               | Huyền Vũ  |
|               | Adam Nguyen   |
| Religion      | None  |
| Titles        | Poet  |
|               | Mathematician   |
|               | Professor   |
|               | Director  |
|               | Editor-in-Chief   |
|               | Post-Doctorate  |
|               | Doctorate of Philosophy (PhD)   |
|               | Doctorate of Statistical Medicine   |
|               | Engineer  |
| Date of birth | August 29, 1979   |
| Gender        | Male  |
| Citizen of    | Vietnam   |
| ORCID         | 0000-0001-5192-8106   |
| ResearcherID  | F-7019-2014   |
| Organization  | Loc Nguyen's Academic Network   |
| Нотераде      | www.locnguyen.net   |
| Contact       | 1/4B Ton Duc Thang street, My Binh ward, Long Xuyen city, An Giang province |
| address       | 881092, Vietnam   |
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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 you my creative works in science, technology and art.

Main domains on which I focus include:

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

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

The curriculum vitae has 14 developing sections as follows:

- I. Education
- II. Training Courses

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

## I. Education

| 09/2009 - | Doctorate of Statistical Medicine, 2016.  |  |
|-----------|---|--|
| 11/2016   | The research "A Framework of Estimating Fetus Weight and Age" is certified and awarded by Ho    |  |
| 11/2010   | Chi Minh City Society for Reproductive Medicine (HOSREM) at the 12th HOSREM Annual              |  |
|           | Conference held on November 26, 2016, Ho Chi Minh city, Vietnam.                                |  |
|           | Supervisor: Dr. Thu-Hang Thi Ho   |  |
| 09/2014 - | Post-Doctorate of Mathematics and Statistics, 2016.   |  |
| 07/2014   | The research dissertation composed as the book "Mathematical Approaches to User                 |  |
| 0772010   | 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              |  |
| 00/5044   | Anniversary Edition of London Mathematical Society on May 17, 2016.                             |  |
| 09/2011 - | Post-Doctorate of Computer Science at Sunflower Soft Company, Vietnam, 2013.                    |  |
| 11/2013   | The dissertation is "A Framework of E-commercial Recommendation Algorithms".                    |  |
|           | • 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,                      |  |
| 10/2011   | 2015, Lisbon, Portugal.   |  |
| 10/2011 - | Leadership Development Program for Visionary Leaders by Australian National                     |  |
| 12/2011   | University and PACE Institute of Leadership and Management, Vietnam in collaboration            |  |
|           | with Global Development Learning Network (Created by The World Bank), 2011.                     |  |
| 00/500=   | The graduated essay is <i>Essay On Leadership</i> .   |  |
| 09/2007 - | Doctorate of Computer Science and Education (PhD) at Ho Chi Minh University of Science          |  |
| 11/2009   | (Vietnam) and Athabasca University (Canada), 2009.  |  |
|           | The dissertation "A User Modeling for Adaptive Learning" has some awards as follows:            |  |
|           | • The research is honored 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.   |  |
| 09/2002 - | Master of Computer Science as Postgraduate at Ho Chi Minh University of Science, Vietnam,       |  |
| 01/2005   | 2005.   |  |
|           | The dissertation is "An image searching framework combining low-level features and high-level   |  |
|           | semantics contents of images".  |  |

| 09/1997 - | Bachelor of science in Information Technology at Ho Chi Minh University of Science, |  |
|-----------|---|--|
| 09/2001   | Vietnam, 2001.  |  |
|           | The thesis is "Building up the tourist information map for Ho Chi Minh city".       |  |
| 1993 -    | Self-education of Theory of Yin-Yang, Book of Changes, and Oriental Astrology.      |  |
| 1997      |   |  |

## **II. Training Courses**

| 11. 1 rain           | ing Courses   |
|----------------------|---|
| 2022 -<br>2023       | Training courses in cloud computing certified by Cloud Ace Vietnam (Google Cloud Premier Partner).  |
| 2021 -               | Training courses in linguistics certified by Vietnam National University, Hanoi University of   |
| 2023                 | Languages and International Studies (ULIS).   |
| 2021 -               | Training courses in medicine certified by Ho Chi Minh City Society for Reproductive Medicine  |
| 2023                 | (HOSREM), Can Tho University of Medicine and Pharmacy (CTUMP), University of Medicine   |
|                      | and Pharmacy at Ho Chi Minh city (UMP), Vietnam Medical Association - Ho Chi Minh City  |
| 0.5/2020             | Medical Association (HYH HCM).  |
| 06/2020              | Course certificate of COVID-19 Contact Tracing certified by Coursera - Johns Hopkins University, on June 12, 2020.  |
| 04/2020              | Diploma in Project Management certified by International Business Management Institute (IBMI).  |
| 03/2019              | Top grade graduation in Course of Life Insurance Agent by Prudential Vietnam Assurance Private Ltd., on March 18 - 24, 2019, Can Tho, Vietnam. Supervisor: Mr. Phu-Cuong Le. Prudential ID: 60695064. |
| 05/2017 -<br>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  |
| 00/2017              | Hospital, coached by Prof. Lan Nguyen-Pham-Hoang, on June 13, 2017, Can Tho, Vietnam.   |
| 10/2016              | Completion of the course "Basic Clinical Reproductive Endocrinology" certified by Ho Chi Minh City Society for Reproductive Medicine (HOSREM), with Dr. Phuong 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 -            | College of Skills Training at Elsevier Publishing Campus.   |
| 02/2016              |   |
| 05/2014 -            | Course of Marxism-Leninism, trained by Prof. Dr. Ba-Cuong Nguyen.   |
| 08/2014              | Hanoi National University of Education, Hanoi, Vietnam.   |
|                      | Vietnam Academy of Science and Technology, Hanoi, Vietnam.  |
|                      | University of Social Sciences and Humanities, Hanoi, Vietnam.   |
| 11/2013 -            | Mathematical courses at Institute of Mathematics - Vietnam Academy of Science and   |
| 08/2014              | Technology, including 9 subjects such as modern algebra, modern analysis, geometry, probability   |
|                      | and statistics, differential equation, numeral analysis, complex analysis, discrete mathematics,  |
| 11/2013              | optimization.  Autumn school: Stochastic Processes and Applications, Vietnam Institute for Advanced Study in  |
| 11/2015              | Mathematics (VIASM).  |
| 09/2013              | Developing Businesswoman Leadership Skill.  |
| 09/2013              | Vietnam Chamber of Commerce and Industry (VCCI).  |
| 09/2013              | Sale Plan Skill.  |
| 57,2010              | EduGlobal Institute, Ho Chi Minh city, Vietnam.   |
| 09/2013              | Business and Innovation Plan.   |
| - · · · <del></del>  | Vietnam Chamber of Commerce and Industry (VCCI).  |
|                      | Vietnam-Germany University.   |
| 08/2013              | Negotiation Strategy.   |
|                      | Vietnam Chamber of Commerce and Industry (VCCI).  |
|                      |   |

| 00/2012 | Industrial Deletions Management  |
|---------|--|
| 08/2013 | Industrial Relations Management.   |
|         | Vietnam Chamber of Commerce and Industry (VCCI).   |
| 00/2012 | The Overseas Human Resources and Industry Development Association (HIDA), Japan.             |
| 08/2013 | Accounting tax.  |
|         | Vietnam Chamber of Commerce and Industry (VCCI).   |
| 07/2013 | Negotiation Skills.  |
|         | Institute of Management SAM, Ho Chi Minh city, Vietnam.                                      |
| 07/2013 | Stock and inventory management.  |
|         | Vietnam Chamber of Commerce and Industry (VCCI).   |
| 07/2013 | Business Plan Skills.  |
|         | Institute of Management SAM, Ho Chi Minh city, Vietnam.                                      |
| 04/2013 | Bayesian statistics workshop program.  |
|         | Ho Chi Minh University of Science, Vietnam.  |
|         | Paris Dauphine University, France.   |
| 12/2011 | Quantitative research methods for social science.  |
|         | Vietnam National University, Ho Chi Minh city.   |
|         | University of New South Wales, Australia.  |
| 11/2011 | Real estate assessment.  |
|         | The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.                                     |
| 10/2011 | Presentation and moderation skills in international scientific conferences.                  |
|         | Vietnam National University, Ho Chi Minh city.   |
|         | 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.   |
| 0.,_0.  | 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          |
| 03/2011 | Nguyen.  |
|         | Ho Chi Minh University of Technology, Vietnam.   |
| 12/2010 | Applied statistics in science research.  |
| 12/2010 | Ho Chi Minh University of Technology, Vietnam.   |
|         | University of New South Wales, Australia.  |
| 2010    | A Course of Mathematical Modeling and Simulation by Prof. Minh-Man Van Nguyen - Ho Chi       |
| 2010    | Minh University of Technology, Vietnam.  |
| 2010 -  | Courses of Meditation (Zen) and Indian Philosophy by Prof. Kim-Hung Thi Nguyen - Inner Space |
| 2013    | Center.  |
| 2013    | Courses of Buddhism, Meditation, and Philosophy by Prof. Ngoc-Trai Phan, Prof. Vui Thi       |
|         | Le, Prof. Hoai-Van Nguyen, Prof. Tuong-Bach Nguyen, Prof. Dinh-Hy Trinh, and more at Leu-    |
|         | Chong Zen Club and Tue-Tam Clinic.   |
| 2009 -  | Courses of Medicine and Pharmacology by Prof. Trung-Hung Phung - Ho Chi Minh City            |
| 2003 -  | Medicine and Pharmacy University.  |
| 08/2006 | Certificate of National Defense Cultivation.   |
| 06/2000 |  |
| 1993 -  | An Giang University, Vietnam.  Theory of Fasters Military                                    |
| 1993 -  | Theory of Eastern Military.  |
| 1997    | Self-education.  |

# III. Languages

| Vietnamese | Mother language.    |
|------------|---------------------|
| English    | Intermediate 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, 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**: Good at meditation (Zen) and statistical medicine. Knowing Oriental medicine, obstetric ultrasonics, gynaecology, and obstetrics.

**Social science**: Specialist of education, linguistics, and philosophy. Good at 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 poetry.

## VI. Research and Teaching Experiences

**Research experiences** 

| Aperiences   |
|--|
| Researcher with the scientific project "SIM project - phase 1" mentioned in the section Products |
| and Projects at Loc Nguyen's Academic Network and Zayed University, UAE. The co-worker           |
| is Ali A. Amer.  |
| 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.  |
| 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.           |
| 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.                     |
| 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.   |
| 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.   |
| Research, design, implement and test scientific projects at Sunflower Soft Company, Vietnam.     |
| The projects are mentioned in section Products and Projects.                                     |
| 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.          |
| Research consultant at TMA Solution Company, Ho Chi Minh city, Vietnam.                          |
|  |
| 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 | - | Designing and composing Oracle course and Java course at An Giang University, Vietnam.       |
|------|---|--|
| 2007 |   | Researching and developing educational software at An Giang University, Vietnam.             |
| 2003 | - | Researcher with the scientific project "AGmagic - An image searching framework" mentioned in |
| 2005 |   | the section Products and Projects at Center of Information Technology Development, Ho Chi    |
|      |   | Minh city, Vietnam.  |

**Teaching Experiences** 

|           | t caching Experiences  |  |
|-----------|--|--|
| 05/2017 - | PhD dissertation examiner of National College of Business Administration & Economics,  |  |
| now       | Lahore, Pakistan.  |  |
| 2012 -    | Support to Prof. Dr. Minh-Phung Thi Do, when she did her PhD research at Ho Chi Minh   |  |
| 2013      | University of Information Technology, Vietnam.   |  |
| 2008 -    | Lecturer at Ho Chi Minh University of Science, Vietnam.  |  |
| 2009      |  |  |
| 2008      | Supervisor to Ms. Quynh-Anh Thi Hoang and Ms. Lieu Thi Hoang with their bachelor thesis "Web operating system research and application" at Ho Chi Minh University of Science, Vietnam.                   |  |
| 2008      | Supervisor to Mr. Tai Van Nguyen and Ms. Kim-Dung Thi Nguyen with their bachelor thesis "Research and application to SOA architecture with J2EE platform" at Ho Chi Minh University of Science, Vietnam. |  |
| 2005 -    | Lecturer at An Giang University, Vietnam.  |  |
| 2007      | Supervisor of Mr. Teo Van Tran with his bachelor thesis at An Giang University, Vietnam.   |  |
|           | Adviser of Mr. Jesse Beckingham, Germany at An Giang University, Vietnam.  |  |

VII. Working Experiences

| 11/2018   | <b>V11. VV01</b> | rking Experiences  |
|---|------------------|--|
| Editor-in-Chief of Adaptation and Personalization (ADP) Journal - International Technology and Science Publications (ITS).  | 11/2018 -        | PeerJ Ambassador of PeerJ.   |
| Independent Scholar at Loc Nguyen's Academic Network.   | 11/2020          |  |
| 11/2016 -   Volunteering as Quality Assurance (QA) analyst for the project "Survey Sampling Design and Analysis" of Millennium Promise Alliance.   11/2016 -   President of Ho Chi Minh City Branch of International Engineering and Technology Institute (IETI), Hong Kong.   Professor of International Journal of Applied Mathematics and Machine Learning and Science Publishing Group (SciencePG).   Poet at AllPoetry.   Poet at AllPoetry.   Poet at AllPoetry.   Poet at AllPoetry.   Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group (SciencePG).   Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.   Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.   Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 06/2018 -        | Editor-in-Chief of Adaptation and Personalization (ADP) Journal - International Technology and |
| now 11/2016 - Volunteering as Quality Assurance (QA) analyst for the project "Survey Sampling Design and Analysis" of Millennium Promise Alliance.  11/2016 - President of Ho Chi Minh City Branch of International Engineering and Technology Institute (IETI), Hong Kong.  06/2016 - Professor of International Journal of Applied Mathematics and Machine Learning and Science Publishing Group (SciencePG).  03/2016 - Fellow of Royal Statistical Society.  03/2015 - Poet at AllPoetry.  103/2017 - Poet at AllPoetry.  104/2014 - Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.  103/2015 - Volunteering in Quality Assurance Committee of Statistics Without Borders.  11/2020 - Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.  05/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | now              |  |
| 11/2016 - Volunteering as Quality Assurance (QA) analyst for the project "Survey Sampling Design and Analysis" of Millennium Promise Alliance.    11/2016 - President of Ho Chi Minh City Branch of International Engineering and Technology Institute (IETI), Hong Kong.    06/2016 - Professor of International Journal of Applied Mathematics and Machine Learning and Science Publishing Group (SciencePG).    03/2016 - Pellow of Royal Statistical Society.    109/2015 - Poet at AllPoetry.  | 11/2017 -        | Independent Scholar at Loc Nguyen's Academic Network.  |
| 01/2017Analysis" of Millennium Promise Alliance.11/2016 -<br>11/2017President of Ho Chi Minh City Branch of International Engineering and Technology Institute<br>(IETI), Hong Kong.06/2016 -<br>06/2020Professor of International Journal of Applied Mathematics and Machine Learning and Science<br>Publishing Group (SciencePG).03/2016 -<br>03/2017Fellow of Royal Statistical Society.09/2015 -<br>07/2017Poet at AllPoetry.03/2015 -<br>04/2014 -<br>12/2015Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group<br>(SciencePG).04/2014 -<br>11/2020Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH &<br>Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in<br>section Products and Projects.03/2015 -<br>11/2020Volunteering in Quality Assurance Committee of Statistics Without Borders.2014 -<br>2016 -<br>2016 -<br>2020 -<br>2 | now              |  |
| 01/2017Analysis" of Millennium Promise Alliance.11/2016 -<br>11/2017President of Ho Chi Minh City Branch of International Engineering and Technology Institute<br>(IETI), Hong Kong.06/2016 -<br>06/2020Professor of International Journal of Applied Mathematics and Machine Learning and Science<br>Publishing Group (SciencePG).03/2016 -<br>03/2017Fellow of Royal Statistical Society.09/2015 -<br>07/2017Poet at AllPoetry.03/2015 -<br>04/2014 -<br>12/2015Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group<br>(SciencePG).04/2014 -<br>11/2020Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH &<br>Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in<br>section Products and Projects.03/2015 -<br>11/2020Volunteering in Quality Assurance Committee of Statistics Without Borders.2014 -<br>2016 -<br>2016 -<br>2020 -<br>2 | 11/2016 -        | Volunteering as Quality Assurance (QA) analyst for the project "Survey Sampling Design and     |
| 11/2017(IETI), Hong Kong.06/2016 - 06/2020Professor of International Journal of Applied Mathematics and Machine Learning and Science Publishing Group (SciencePG).03/2016 - 03/2017Fellow of Royal Statistical Society.09/2015 - 09/2015 - 100/2017Poet at AllPoetry.03/2017 - 09/2017Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group (SciencePG).04/2014 - 11/2020Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.03/2015 - 11/2020Volunteering in Quality Assurance Committee of Statistics Without Borders.2014 - 100/2014 - 11/2020Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.05/2014 - 11/2020Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.   | 01/2017          |  |
| 11/2017(IETI), Hong Kong.06/2016 - 06/2020Professor of International Journal of Applied Mathematics and Machine Learning and Science Publishing Group (SciencePG).03/2016 - 03/2017Fellow of Royal Statistical Society.09/2015 - 09/2015 - 100/2017Poet at AllPoetry.03/2017 - 09/2017Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group (SciencePG).04/2014 - 11/2020Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.03/2015 - 11/2020Volunteering in Quality Assurance Committee of Statistics Without Borders.2014 - 100/2014 - 11/2020Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.05/2014 - 11/2020Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.   | 11/2016 -        | President of Ho Chi Minh City Branch of International Engineering and Technology Institute     |
| O3/2016   Fellow of Royal Statistical Society.  | 11/2017          |  |
| O3/2016   Fellow of Royal Statistical Society.  | 06/2016 -        | Professor of International Journal of Applied Mathematics and Machine Learning and Science     |
| 03/2017Poet at AllPoetry.09/2015 - nowLead Guest Editor of Applied and Computational Mathematics, Science Publishing Group (SciencePG).04/2017 - Od/2014 - 12/2015Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.03/2015 - 11/2020Volunteering in Quality Assurance Committee of Statistics Without Borders.2014 - 10/2016Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.05/2014 - 11/2020Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 06/2020          |  |
| O9/2015 -   Poet at AllPoetry.  | 03/2016 -        | Fellow of Royal Statistical Society.   |
| now  03/2015 - Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group 07/2017 (SciencePG).  04/2014 - Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & 12/2015 Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.  03/2015 - Volunteering in Quality Assurance Committee of Statistics Without Borders.  11/2020 Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.  05/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 03/2017          |  |
| <ul> <li>03/2015 - Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group (SciencePG).</li> <li>04/2014 - Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH &amp; Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.</li> <li>03/2015 - Volunteering in Quality Assurance Committee of Statistics Without Borders.</li> <li>2014 - Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.</li> <li>05/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.</li> </ul>  | 09/2015 -        | Poet at AllPoetry.   |
| <ul> <li>O7/2017 (SciencePG).</li> <li>O4/2014 - Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH &amp; Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.</li> <li>O3/2015 - Volunteering in Quality Assurance Committee of Statistics Without Borders.</li> <li>Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.</li> <li>O5/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.</li> </ul>  | now              | ·  |
| Od/2014 - Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH & Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.    O3/2015 - 11/2020   Volunteering in Quality Assurance Committee of Statistics Without Borders.   O3/2014 - Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.   O5/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 03/2015 -        | Lead Guest Editor of Applied and Computational Mathematics, Science Publishing Group           |
| <ul> <li>Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in section Products and Projects.</li> <li>Volunteering in Quality Assurance Committee of Statistics Without Borders.</li> <li>Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.</li> <li>Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.</li> </ul>  | 07/2017          | (SciencePG).   |
| section Products and Projects.  03/2015 – Volunteering in Quality Assurance Committee of Statistics Without Borders.  11/2020  2014 - Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.  05/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 04/2014 -        | Incorporating with LAMBERT Academic Publishing - a trademark of OmniScriptum GmbH &            |
| O3/2015 - Volunteering in Quality Assurance Committee of Statistics Without Borders.  | 12/2015          | Co. KG to publish the book "Matrix Analysis and Calculus" which is the product mentioned in    |
| 11/2020  2014 - Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.  05/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  |                  | section Products and Projects.   |
| 2014 - Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.  05/2014 - Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.   | 03/2015 -        | Volunteering in Quality Assurance Committee of Statistics Without Borders.                     |
| book "Mathematical Approaches to User Modeling" which is the product mentioned in section Products and Projects.  05/2014 – Serving as reviewer and editor in a wide range of international journals and conferences listed in the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 11/2020          |  |
| section Products and Projects.  05/2014 – 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 -           | Incorporating with Scientific Research Publishing (SCIRP) to publish the first edition of the  |
| 05/2014 – Serving as reviewer and editor in a wide range of international journals and conferences listed in 11/2020 the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.  | 2016             | book "Mathematical Approaches to User Modeling" which is the product mentioned in              |
| 11/2020 the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.   |                  | section Products and Projects.   |
|   | 05/2014 -        |  |
|   | 11/2020          | the subsection Reviewers and Editors, especially SCIENCEDOMAIN international.                  |
| 2014 - Writing scientific books at Sunflower Soft Company, Vietnam.   | 2014 -           | Writing scientific books at Sunflower Soft Company, Vietnam.                                   |
| 08/2017   | 08/2017          |  |
| 10/2011 - Director at Sunflower Soft Company, Vietnam as director with duties: researcher, software   | 10/2011 -        | Director at Sunflower Soft Company, Vietnam as director with duties: researcher, software      |
| 08/2017 architecture, programming, administration, human resource and finance. Main area focuses on   | 08/2017          |  |
| scientific project and data analysis.   |                  | scientific project and data analysis.  |

| 2010 - | Working at TMA Solution Company, Ho Chi Minh city, Vietnam as consultant with duties:                 |
|--------|---|
| 2011   | researching and developing software. Main areas include programming CMS system, system                |
|        | driver, language processing, computer graphics, game, and mobile.                                     |
| 2008 - | Working at following companies:   |
| 2009   | Working at Ho Chi Minh University of Science, Vietnam as lecturer in Information                      |
|        | Technology Department.  |
|        | Working at Bixon Company as senior developer in programming on data integration                       |
|        | software.   |
|        | Working at SECUDE Company as senior developer with duty: developing the GUI so                        |
|        | called Management Console for manipulating Smart Card (co-operate with another                        |
|        | person). My main duties were to build up MVC model and write basic functions. This                    |
|        | software allows administrator to store, search and manage information in smart card. I                |
|        | also develop encryption functions.  |
| 2006 - | Researching at IMPACT company, Ho Chi Minh city, Vietnam.   |
| 2007   |   |
| 2005 - | Working at An Giang University, Vietnam as researcher and lecturer with duties:                       |
| 2007   | <ul> <li>Lecturing at the Information Technology Department of An Giang University,</li> </ul>        |
|        | Vietnam.  |
|        | <ul> <li>Developing educational software at the library of An Giang University, Vietnam as</li> </ul> |
|        | software developer and team leader.   |
|        | Deputy Secretary of Youth Union and Chairman of Informatics Club.                                     |
| 2002 - | Working at Center of Information Technology Development, Ho Chi Minh city, Vietnam as                 |
| 2005   | software developer and lecturer.  |
| 2005   | Directorate Board Member of CLD software company.   |
| 2001 - | Working at WorldSoft Company, Vietnam as DirectX programmer for the project of surveying              |
| 2002   | passenger luggage through X-ray tube at airport.  |
| 1993 - | On development of literature career by composing poems. These poetry writings are listed in           |
| now    | section Art Works.  |
| 1993 - | Researching Oriental Astrology.   |
| 1997   |   |
|        |   |

#### **VIII. Publications**

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

- Nguyen, L. (2022, June 28). Triangular Learner Model. Open Science Framework (OSF) Preprints. doi:10.31219/osf.io/42cbn
- 2. Nguyen, L (2022, June 27). *A short study on minima distribution*. Preprints 2022, 2022060361. doi: 10.20944/preprints202206.0361.v1
- 3. Nguyen, L (2022, February 3). *A Proposal of Two-step Autoregressive Model*. Research Square preprints 2022. doi: 10.21203/rs.3.rs-1322456/v2
- 4. Nguyen, L. (2022, February 2). *Expectation Maximization Algorithm with Combinatorial Assumption*. Computing Methodology eJournal, 5(4). doi:10.2139/ssrn.3976593
- Shafiq, A., Rasool, R., & Nguyen, L. (2021, November 16). Series solution of heat transfer in thin film flow of couple stress liquid. Poster at The 7th International Conference on Applied & Engineering Physics (CAEP7). Hanoi: Institute of Physics, Vietnam Academy of Science and Technology (IOP -VAST). Retrieved from https://padlet.com/CAEP7/poster/wish/1866958830
- 6. Nguyen, L. (2021, December 12). An extension of Lagrange interpolation to approximate derivative, integral and bivariate function. Open Science Framework (OSF) Preprints. doi:10.31219/osf.io/tn67p
- 7. Amer, A. A., & Nguyen, L (2021, November 24). *Combinations of Jaccard with Numerical Measures for Collaborative Filtering Enhancement: Current Work and Future Proposal.* arXiv preprint 2021, arXiv:2111.12202.
- 8. Nguyen, L. (2021, October 20). *Handling missing data with expectation maximization algorithm*. (H. M. Azamathulla, Ed.) Global Research and Development Journal for Engineering (GRDJE), 6(11), 9-32. Retrieved from https://grdjournals.com/article?paper\_id=GRDJEV06I110009
- 9. Amer, A. A., Abdalla, H. I., & Nguyen, L. (2021, February 10). *Enhancing recommendation systems performance using highly-effective similarity measures*. (J. Lu, E. A. Edmonds, & H. Fujita, Eds.) Knowledge-Based Systems, 217. doi:10.1016/j.knosys.2021.106842

- 10. Nguyen, L (2021, January 26). *A general framework of particle swarm optimization*. Preprints 2021, 2020100550 (doi: 10.20944/preprints202101.0528.v1).
- 11. Nguyen, L (2020, November 1). Conditional Mixture Model for Modeling Attributed Dyadic Data. Preprints 2020, 2020100550 (doi: 10.20944/preprints202011.0266.v1).
- 12. Nguyen, L (2020, November 1). *Learning Dyadic Data and Predicting Unaccomplished Co-Occurrent Values by Mixture Model*. Preprints 2020, 2020100550 (doi: 10.20944/preprints202011.0038.v1).
- 13. Nguyen, L (2020, October 28). *Conditional Mixture Model and Its Application for Regression Model*. Preprints 2020, 2020100550 (doi: 10.20944/preprints202010.0550.v2).
- 14. Shafiq, A., & Nguyen, L (2020, January). *Marangoni convective flow of nanoliquid towards a riga surface*. ResearchGate 2020 Preprint.
- 15. Nguyen, L., & Amer, A. (2019, October 17). *Advanced Cosine Measures for Collaborative Filtering*. (ITS, Ed.) Adaptation and Personalization (ADP), 1(1), 21-41. doi:10.31058/j.adp.2019.11002
- 16. Nguyen, L., & Shafiq, A. (2019, January 29). *Semi-mixture Regression Model for Incomplete Data*. (T. Schmutte, Ed.) Adaptation and Personalization (ADP), 1(1), 1-20. doi:10.31058/j.adp.2019.11001
- 17. Nguyen, L., & Shafiq, A. (2018, December 31). *Mixture Regression Model for Incomplete Data*. (L. E. Istael, Ed.) Revista Sociedade Científica, 1(3), 1-25. doi:10.5281/zenodo.2528978
- 18. Nguyen, L., & Ho, Thu-Hang T. (2018, December 17). Fetal Weight Estimation in Case of Missing Data. (T. Schmutte, Ed.) Experimental Medicine (EM), 1(2), 45-65. doi:10.31058/j.em.2018.12004
- 19. 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
- 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
- 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
- 22. 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
- 23. 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
- 24. Nguyen, L. (2018, January 17). *Nonparametric Hypothesis Testing Report*. Open Science Framework (OSF) Preprints. Retrieved from http://osf.io/tj9cf
- 25. Nguyen, L. (2017, November 2). Converting Graphic Relationships into Conditional Probabilities in Bayesian Network. In J. P. Tejedor, & J. P. Tejedor (Ed.), Bayesian Inference (pp. 97-143). Rijeka, Croatia: InTech. doi:10.5772/intechopen.70057
- Nguyen, L. (2017, April 24). A Proposal of Loose Asymmetric Cryptography Algorithm. Proceedings of The 2nd International Conference on Software, Multimedia and Communication Engineering (SMCE 2017), DEStech Transactions on Computer Science and Engineering (pp. 414-422). Shanghai: DEStech. doi:10.12783/dtcse/smce2017/12462
- 27. 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
- 28. Nguyen, L., & Ho, Thu-Hang T. (2017, March 13). *Experimental Results of Phoebe Framework: Optimal Formulas for Estimating Fetus Weight and Age*. (H. J. Shaji, M. C. Portillo, & M. M. Zdanowicz, Eds.) Journal of Community & Public Health Nursing, 3(2), 1-5. doi:10.4172/2471-9846.1000163
- Nguyen, L. (2016, October 31). Beta Likelihood Estimation in Learning Bayesian Network Parameter. In United Scholars Publications (Author), Advances in Computer Networks and Information Technology (Vol. II). USA: CreateSpace Independent Publishing Platform. Retrieved from https://goo.gl/R4dwrf
- 30. 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
- 31. 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
- 32. 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
- 33. 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
- 34. 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
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- 36. Nguyen, L. (2016, April 27). *Beta Likelihood Estimation and Its Application to Specify Prior Probabilities in Bayesian Network*. (H. M. Srivastava, P. Bracken, R. Jedynak, anonymous, & S. Zimeras, Eds.) British Journal of Mathematics & Computer Science, 16(3), 1-21. doi:10.9734/BJMCS/2016/25731.
- 37. Nguyen, L. (2016, April 8). *New version of CAT algorithm by maximum likelihood estimation*. (B. N. Buszewski, Ed.) Sylwan Journal, 160(4), 218-244.
- 38. Nguyen, L. (2016, March 28). *Theorem of SIGMA-gate Inference in Bayesian Network*. (V. S. Franz, Ed.) Wulfenia Journal, 23(3), 280-289.
- 39. 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.
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- 42. 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
- 43. 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
- 44. 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.
- 45. 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
- 46. 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
- 47. 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
- 48. 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
- 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,

   (4),
   63-67.
   Retrieved from http://www.aascit.org/journal/archive2?journalId=921&paperId=1016
- 50. Nguyen, L. (2014, September). Theorem of logarithm expectation and its application to prove sample correlation coefficient as unbiased estimate. (A. Guezane-Lakoud, W. P. Fox, E. Francomano, S. A.

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- 51. Nguyen, L. (2014, May). A New Algorithm for Modeling and Inferring User's Knowledge by Using Dynamic Bayesian Network. (M. Z. Raqab, Ed.) Statistics Research Letters (SRL), 3 (2). Retrieved from http://www.srl-journal.org/paperInfo.aspx?ID=6933
- 52. Nguyen, L. (2014, May 28). *User Model Clustering*. (F. Shi, Ed.) Journal of Data Analysis and Information Processing (JDAIP), 2 (2), 41-48. doi:10.4236/jdaip.2014.22006
- 53. Nguyen, L., & Ho, H. (2014, March 30). *A framework of fetal age and weight estimation*. (B. S. Shetty, J. Morales, a. badawy, C. Mowa, K. K. Shukla, T. Chen, et al., Eds.) Journal of Gynecology and Obstetrics (JGO), 2 (2), 20-25. doi:10.11648/j.jgo.20140202.13
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- 55. Nguyen, L. (2013, July 15). *Overview of Bayesian Network*. Ho Chi Minh University of Technology, Vietnam. Warri, Delta State, Nigeria: Science Journal Publication. doi:10.7237/sjms/105
- 56. Nguyen, L. (2013, June). *The Bayesian approach and suggested stopping criterion in Computerized Adaptive Testing*. (A. T. Al-Taani, Ed.) International Journal of Research in Engineering and Technology (IJRET), 2 (1-2103), 36-38. Retrieved from https://goo.gl/kXxczD
- 57. Nguyen, L. (2013, June 5). A new method to determine separated hyper-plane for non-parametric sign test in multivariate data. In V.-D. Le, A. Mukhopadhyay, & G.-T. Pham (Ed.), STATISTICS and its INTERACTIONS with OTHER DISCIPLINES (SIOD 2013). Ho Chi Minh: Ton Duc Thang University. doi:10.13140/RG.2.2.20886.86080/1
- Nguyen, L., Do, M.-P. T., Vu, N. T., & Tran, D. N. (2013, March 20). A New Approach for Collaborative Filtering Based on Mining Frequent Itemsets. In Selamat, A., Nguyen, Ngoc T., & Haron, H. (Ed.), ACIIDS'13 Proceedings of the 5th Asian conference on Intelligent Information and Database Systems. II, pp. 19-29. Kuala Lumpur: Springer. doi:10.1007/978-3-642-36543-0\_3
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1. Nguyen, L. (2015, July 27). Mathematical Approaches to User Modeling. London Mathematical Society (LMS). Journals Consortium. Retrieved from https://goo.gl/9dFjZu

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#### **Social Science - Articles**

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- 3. Nguyen, L (2021, February 23). *Cách cục tăng đạo trong Tử Vi*. ResearchGate 2021 Preprint (doi: 10.13140/RG.2.2.10519.50087).
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- 7. Nguyen, L (2020, July 2). *Kênh Kra: cơ hội và thách thức*. ResearchGate 2020 Preprint (doi: 10.13140/RG.2.2.35341.97761).
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- 9. Nguyen, L. (2011, December). *Essay On Leadership*. PACE Institute of Management. Ho Chi Minh city, Vietnam: Loc Nguyen's Homepage. Retrieved from http://www.locnguyen.net/ss/articles/leadership
- 10. Nguyen, L. (2010). *Convergence of Confucianism, Buddhism and Taoism*. In L. Nguyen (Ed.), Leu Chong Zen Club's Conference. Ho Chi Minh city, Vietnam: Loc Nguyen's Homepage. doi:10.13140/RG.2.1.2004.0407

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- 1. Nguyen, L. (2022, April 20). *Phần mềm quản lý đầu tư JSI*. Open Science Framework (OSF) Preprints. doi:10.31219/osf.io/xf5va
- 2. Nguyen, L. (2021, April 27). *Jagged stock investment strategy*. Financial Planning Educator eJournal, 2(8). doi:10.2139/ssrn.3139248
- 3. Nguyen, L. (2011). *Accounting manual*. Institute of Human Resource Development, University of Economics. Ho Chi Minh city, Vietnam: Loc Nguyen's Homepage. doi:10.13140/RG.2.1.1053.7687

## IX. Products and Projects

#### **Science and Technology**

1. JSI project - Jagged Strategy Investment manager. (on going).

*Type* Research project

Abstract JSI provides lightweight software for investors to invest with stocks and forex

products.

Identifiers

Organizations Operating agency: Loc Nguyen's Academic Network

Funding agency: Award agency:

Members: Loc Nguyen.

Role Leader

Amount

Duration 08/2021 - now (on going) Links http://jsi.locnguyen.net

2. **SIM project (phase 1).** (2021, February). *Type* Research project

Abstract SIM project provides recommendation algorithms and other machine learning

algorithms along with tools to evaluate and deploy them. SIM is abbreviation of similarity, simulator, simoon, and sima. In the phase 1, SIM supports similarity

measures in nearest neighbors algorithm for recommendation system. Published

paper is available at

https://www.sciencedirect.com/science/article/abs/pii/S0950705121001052.

*Identifiers* Grant Activity Code: R19093 - Zayed University, UAE.

Organizations Operating agency: Loc Nguyen's Academic Network.

and Zayed University, UAE.

Funding agency: Zayed University, UAE. Award agency: Zayed University, UAE..

Members: Loc Nguyen, Ali A. Amer, and Hassan I. Abdalla.

Role Co-leader Amount 1.000\$

Duration 03/2019 - 02/2021 Links http://sim.locnguyen.net

3. **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

4. 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

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

Type Special Issue

Abstract We always try our best to create best results but how we can do so? Mathematical

optimization is a good answer for above question if our problems can be modeled by mathematical model. The common model is analytic function and it is very easy for us to know that optimization becomes finding out extreme points of such function.

The issue focuses on global optimization which means that how to find out the global peak over the whole function. It is very interesting problem because there are two realistic cases as follows:

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

However, global optimization is also complicated because it is relevant to other mathematical subject such as solution existence and approximation. The issue also mentions these subjects. Your attention please, the issue focuses on algorithms and applied methods to solve problem of global optimization. Thus, theoretical aspects relevant to functional analysis are mentioned very little.

In Applied and Computational Mathematics (ACM).

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

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

Publisher: Science Publishing Group.

Identifiers

Organizations Funding agency: Sunflower Soft Company, Vietnam.

Awarding agency: Science Publishing Group.

Members: Loc Nguyen and his group.

Role Leader Guest Editor

Amount 5,000\$ Duration 2015 - 2017

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

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

Type Book

Abstract

The first edition of the book "Mathematical Approaches to User Modeling" is developed from the PhD dissertation "A User Modeling for Adaptive Learning" aforementioned in section Education. 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:

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

The whole book is available at

#### http://mum.locnguyen.net

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

http://zebra.locnguyen.net

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

Identifiers Organizations

*Operating agency*: Sunflower Soft Company, Vietnam. *Awarding agency*: Scientific Research Publishing (SCIRP).

Mandante agency. Scientific Research Lubishing (

Members: Loc Nguyen.

Role Author Amount 24.000\$ Duration 2014 - 2016

http://mum.locnguyen.net Links

#### 7. The mathematical research "Approximation of analytic function" (2014).

Research articles Type

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

section Publications.

Identifiers

Organizations Funding agency: Sunflower Soft Company, Vietnam.

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

Technology.

Members: Loc Nguyen.

Role Author 200\$ Amount

Duration 10/2013 - 08/2014

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

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

#### 8. 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

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

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

Members: Loc Nguyen, Minh-Phung Thi Do.

Role Leader 76,000 Amount Duration 2011 - 2013

Links http://www.hudup.net

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

Research project Type

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

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

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

on November 2016, Vietnam.

Identifiers

Organizations Operating agency: Sunflower Soft Company, Vietnam.

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

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

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

http://phoebe.locnguyen.net Links

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

Type PhD dissertation

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

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

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

Identifiers

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

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

Members: Loc Nguyen, Bich-Thuy Thi Dong.

Role Leader

Amount

2007 - 2009 Duration

http://zebra.locnguyen.net. Links

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

TypeMaster dissertation

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

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

algorithm proposed by Prof. Cao-Van Doan.

AGmagic is also my master dissertation in computer science, aforementioned in section Education.

Identifiers

**Organizations** Operating agency: Individual and Prof. Cao-Van Doan. Funding agency: Ho Chi Minh University of Science, Vietnam and An Giang

University, Vietnam.

Members: Loc Nguyen, Cao-Van Doan.

Role Leader

Amount

*Duration* 2002 - 2005

Links http://agmagic.locnguyen.net

# 12. Building up the tourist information map for Ho Chi Minh city (Xây dựng bản đồ thông tin du lịch thành phố Hồ Chí Minh) (2001).

Type Bachelor thesis

Abstract The project builds up the tourist information map for Ho Chi Minh city. This is also

our Bachelor thesis (me and Thanh-Thanh Thi Do).

Identifiers

Organizations Operating agency: Individual.

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

Prof. Dr. Dinh-Duy Le.

Members: Loc Nguyen, Thanh-Thanh Thi Do.

Role Leader

Amount

Duration 2000 - 2001

Links http://travel.locnguyen.net

#### 13. Design - Implementation of database algebra algorithms (2000).

*Type* Computer software

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

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

MySQL, Oracle and has more enhanced functions.

Identifiers

Organizations Operating agency: Individual.

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

Prof. Dr. Diem-Tien Thi Nguyen

Members: Loc Nguyen.

Role Leader

Amount

Duration 2000

Links http://design.locnguyen.net

#### X. Art Works

#### **Poetry Writings**

I have composed around 370 poems and a verse story. Followings are verse collections.

- 1. The ninth literary work is the collection of 46 poems "*Tinh*" (2019 now).
- 2. The eighth literary work is the collection of 68 poems "Ve" (2016 2019).
- 3. The seventh literary work is the collection of 52 poems "Viêt tiếp thơ ơi" (2011 2016).
- 4. The sixth literary work is the collection of 4 poems "华语" written in Chinese (2013 now).
- 5. The fifth literary work is the collection of 40 poems "Lai chwa dặt tên" (2010 2011).
- 6. The fourth literary work is the collection of 50 poems "Chwa dặt tên" (2009 2010).
- 7. The third literary work is the collection of 55 poems "Ca dao blog" (2008 2009).
- 8. The second literary work is the verse story "Luc Kiều thời @" (2007 2008).
- 9. 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.

#### **Recitation Albums**

- 1. The seventh album is " $D_i$ " (04/2022). The album includes 11 songs by the famous artists: *Hoàng Đức Tâm, Nhật Quỳnh, Thu Thủy*.
- 2. The sixth album is "*Dai Hiệp*" (03/2021). The album includes 14 songs by the famous artist: *Ngọc Sang*.
- 3. The fifth album is "Cổ Tích Trái Tim" (01/2020). The album includes 12 songs by the famous artist: Ngọc Sang.
- 4. The fourth album is "*Luc Bát Mấy Lần Thương*" (11/2019). The album includes 14 songs by the famous artist: *Ngọc Sang*.
- 5. The third album is "Chiếc Lá Hồng" (2018). The album includes 8 songs by the famous artist: Mộng Thu.
- 6. The second album is "Luc Bát Truyền Nhân" (06/2015). The album includes 11 songs by famous artists: NSUT (Meritorious Artists) Hồng Vân, Lệ Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long.
- 7. The first album is "**Tặng**" (2007). The album includes 13 songs by famous artists: *NSUT (Meritorious Artists) Hồng Vân, Bích Ngọc, Lê Hương, Ngô Đình Long.*

#### XI. Honors and Awards

| Date      | Honors and awards   |
|-----------|---|
| 10/2021   | Be glorified as a contributive scientist, author, and businessman at The 2nd International Research   |
|           | Conference on Technology, Engineering, Culture and Society (IRConTECS), State College of  |
|           | Applied Sciences and Technology (BISCAST-Philippines) in partnership with International   |
|           | Cross-cultural Exchange and Professional Development-Thailand (ICEPD-Thailand), October 12,   |
|           | 2021.   |
| 2020      | The research "Enhancing recommendation systems performance using highly-effective similarity  |
|           | measures" was supported by Research Incentive Fund (RIF), Grant Activity Code: R19093 - Zayed   |
|           | University, UAE.  |
| 05/2020   | Certified Publons Academy Mentor to a student of the Publons Academy Practical Peer Review  |
|           | Training Course on the 22nd of May 2020.  |
| 04/2020   | Was in list of first 100 the top person ambassadors, The Global Business Influencer, Editor-in-   |
| 00/2010   | Chief Christian Dillstrom.  |
| 09/2018   | Publons Peer Review Awards 2018 for placing in the top 1% of reviewers in Assorted* on  |
|           | Publons' global reviewer database, determined by the number of peer review reports performed  |
| 10/2017   | during the 2017 - 2018 Award year.  |
| 10/2017   | Scientific biography was published in The 9th International Conference on Engineering and   |
| 10/2017   | 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. |
| 08/2017   | Joining The 2017 International Blending Christian Conference, held on August 11-13, 2017 at   |
| 08/2017   | 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,   |
| 00/2017   | coached by Prof. Lan Nguyen-Pham-Hoang, on June 13, 2017, Can Tho, Vietnam.   |
| 05/2017   | Reviewer Certificate awarded by Computational Intelligence.   |
| 05/2017 - | NSUT (Meritorious Artist) Mông Thu chanted two poems "Tho Tình" and "Vườn Tho" in the   |
| 07/2017   | collection "Viết Tiếp Thơ Oi", sponsored by Director Tien Quach on May 2017   |
| 0772017   | NSUT (Meritorious Artist) Mộng Thu chanted the poem "Mê Mẫn" in the collection "Vẽ", for  |
|           | Mrs. 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. Phuong 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).  |
| 05/2016   | Loc Nguyen was named in the <b>Handbook &amp; List of Members - 150th Anniversary Edition</b> of London Mathematical Society. Loc Nguyen received the award in May 17, 2016.  |
| 05/2016   | Honorable voter of American Statistical Association (ASA) Election on May 1, 2016.  |
| 03/2016   | Certificate Of Reviewer Recognition awarded by Global Research and Development Journals (GRD).  |
| 03/2016   | Appreciation Letter For Active Reviewers awarded by International Academy of Computer & IT Engineering (IACITE).  |
| 03/2016   | Excellent evaluation on the article "New version of CAT algorithm by maximum likelihood estimation" by Sylwan Journal (Thomson Reuters-SCIE).   |
| 03/2016   | Appreciation Letter For Active Reviewers awarded by Emirates Association of Computer, Electrical & Electronics Engineers (EACEEE).  |
| 03/2016   | Appreciation Letter For Active Reviewers awarded by International Institute of Engineers (IIE).   |
| 03/2016 - | Fellowship member awarded by Royal Statistical Society.   |
| 03/2017   |   |
| 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,  |
|------------------|--|
| 10/2015 -        | Portugal.  Received many Certificates of Reviewer awarded by International Knowledge Press (IKPress).  |
| now              |  |
| 07/2015          | Postdoctoral Dissertation "Mathematical Approaches to User Modeling" submission successful in Journals Consortium.   |
| 06/2015          | The music album "Luc Bát Truyền Nhân" by famous artists: NSUT (Meritorious Artists) Hồng Vân, Lệ Thu, Bích Ngọc, Thu Thủy, Đài Trang, Mộng Thu, Ngô Đình Long.   |
| 05/2015 -        | Technical Program Committee member of many international conferences.  |
| now              | reclinical riogram committee member of many international conferences.   |
| 04/2015          | Awarded to be student for Global MBA (Project Management) at London School of Business and   |
| 04/2013          | 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 "Matrix Algebra and Calculus".   |
| 04/2015 -<br>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 "Some Novel Algorithms for Global Optimization and Relevant Subjects", Applied and Computational Mathematics, Science Publishing Group.   |
| 02/2015          | Acceptance letter for publishing the article "Theorem of SIGMA-gate Inference in Bayesian Network" by Wulfenia Journal (Thomson Reuters-SCIE).   |
| 02/2015          | Awarded as ResearcherID member: www.researcherid.com/rid/F-7019-2014.  |
| 01/2015          | Editorial Board Member of American Association for Science and Technology (AASCIT).  |
| 01/2015          | Scientific Research Publishing (SCIRP) awards to publishing the first edition of the book "Mathematical Approaches to User Modeling".  |
| 12/2014          | Visa entry permission for joining The 17 <sup>th</sup> International Conference Interactive Collaborative Learning (ICL2014), The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE.   |
| 12/2014          | Certified for attending The 2014 World Engineering Education Forum (WEEF2014) as Vietnam Representative at Dubai, UAE.   |
| 10/2014          | Appreciation Letter For Reviewing Article - PAK Publishing Group.  |
| 11/2014          | Reviewer of PAK Publishing Group.  |
| 07/2014          | Good evaluation on the article "Specifying Prior Probabilities in Bayesian Network by Maximum  |
| 07/2014          | 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 -        | Scholar visiting at Institute of Mathematics - Vietnam Academy of Science and Technology.  |
| 08/2014          |  |
| 08/2013          | Delegate at the 8 <sup>th</sup> Vietnam National Congress of Mathematics.  |
| 08/2013          | Best innovators award for the course "Business Plan & Innovation" with the contesting 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"  |
| 12/2011          | 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).   |
|                  | The state of the s |

| 2007 | The music album "Tặng" by famous artists: NSUT (Meritorious Artists) Hồng Vân, Bích Ngọc, Lê |
|------|--|
|      | Hương, Ngô Đình Long.  |

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

## XII. Talks and Interviews

| 06/2022 | Keynote Speaker (online via video) with topic "Finite mixture model with EM algorithm" at The                                    |
|---------|--|
| 00/2022 | 7th Annual International Conference on Information System and Artificial Intelligence (ISAI2022),                                |
|         | June 24 - 26, 2022, Chengdu, China.  |
| 05/2022 | Keynote Speaker (online via video) with topic "Handling Missing Data with Expectation  |
|         | Maximization Algorithm" at the 2022 International Conference on Computational Science and  |
|         | Numerical Algorithms (CSMA 2022), May 27 - 29, 2022, Xi'an, China.   |
| 05/2022 | Invited speaker (online) at the Saturday Talk - Entrepreneurship Series I (International) "The                                   |
|         | International Entrepreneurship post pandemic with special reference to South East Asia", held on                                 |
|         | 14th May 2022, Bengaluru, Karnataka, India, in Faculty Development Program hosted by School of                                   |
|         | Commerce - Presidency University, moderated by Dr. Analjyoti Basu.   |
| 05/2022 | Invited speaker (online) with the talk "Some thoughts about science & technology" in a talk show                                 |
|         | of Global Education and Training Institute (GETI), held on 2nd May 2022, hosted by Ms. Sumita                                    |
|         | Bhatt, Relationships Manager, GETI, Lucknow, Uttar Pradesh, India.   |
| 03/2022 | Keynote Speaker (online) with topic "Hudup: A Framework of E-commercial Recommendation   |
|         | Algorithms" in The 2022 2nd International Conference on Computer, Communication, Control,  |
|         | Automation and Robotics (CCCAR2022), held on 29th - 30th March 2022, Shanghai, China.  |
| 10/2021 | Invited Speaker (online) with topic "Conditional mixture model for modeling attributed dyadic data"                              |
|         | at the 14th International Conference on Computer Science and Information Technology (ICCSIT                                      |
| 10/2021 | 2021), October 15 - 17, 2021, Paris, France.   |
| 10/2021 | Plenary Speaker (online) with topic "A Proposal of Loose Asymmetric Cryptography Algorithm"                                      |
|         | at The 2nd International Research Conference on Technology, Engineering, Culture and Society                                     |
|         | (IRConTECS), State College of Applied Sciences and Technology (BISCAST-Philippines) in   |
|         | partnership with International Cross-cultural Exchange and Professional Development-Thailand (ICEPD-Thailand), October 12, 2021. |
| 03/2021 | Invited lecturer (online) at International Workshop of Advancement and Applications of   |
| 03/2021 | Mathematics and Statistics in Artificial Intelligence and Machine Learning, organized at School of                               |
|         | Advanced Sciences and Languages - VIT Bhopal University, sponsored by IEEE, held on 19th -                                       |
|         | 20th March 2021, Madhya Pradesh, India.  |
| 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**

|         | Committees   |
|---------|--|
| 06/2022 | Online chair of Session 3 "Data Computing and Models" in The 2022 6th International              |
|         | Conference on High Performance Compilation, Computing and Communications (HP3C 2022),            |
|         | held on June 23 - 25, 2022, Jilin, China.  |
| 06/2020 | General Chair (online) of the 2020 International Conference on Bioengineering, Clinical Medicine |
|         | and Artificial Intelligence (BCMAI2020), held on June 21 - 22, 2020, Beijing, China.             |

| 01/2020 - 12/2020 | International Scientific Committees member (online) of the 2020 2nd International Conference on Computer, Communications and Mechatronics Engineering (CCME2020), held on December 20 - 21, Xiamen, China.  International Scientific Committees member (online) of the 2020 International Conference on New Energy, Power and Environmental Engineering (NEPEE2020), held on December 20 - 21, |
|-------------------|--|
|                   | Xiamen, China.   |
| 04/2020 -         | Technical Committee member (online) of the 2020 2nd Asia Conference on Automation  |
| 09/2020           | Engineering (ACAE 2020), held on September 18 - 20, 2020, Chengdu, China.  |
| 01/2020 -         | Technical Program Committee member (online) of the 2020 International Conference on  |
| 08/2020           | Artificial Intelligence and Blockchain Technology (AIBT2020), held on July 31 - August 2, 2020,  |
| 08/2020           | Beijing, China.  |
| 01/2020           | <i>1 C</i>   |
| 01/2020 -         | Board of Referees member (online) of International Journal of Research and Innovation in   |
| now               | Engineering Technology (IJRIET).   |
| 01/2020 -         | Reviewer (online) of the 2020 2nd International Conference on Energy, Power, Environment and   |
| 11/2020           | Computer Application (ICEPECA2020), held on November 15 - 16, 2020, Xiamen, China.   |
| 12/2019 -         | Editor (online) of the 6th Annual International Conference on Computer Science and Applications  |
| 09/2020           | (CSA2020), held on September 19 - 20, 2020, Shenzhen, China.   |
| 11/2019 -         | International Scientific Committees member (online) of the 2020 3rd International Conference on  |
| 07/2020           | Applied Mathematics, Modeling and Simulation (AMMS2020), held on July 12 - 13, 2020, Shanghai, China.  |
| 01/2020 -         | International Scientific Committees member (online) of the 2020 International Conference on Big  |
| 04/2020           | Data, Computer Modeling and Simulation Technology (BDCMST2020), held on April 12 - 13,   |
|                   | 2020, Hangzhou, China.   |
|                   | International Scientific Committees member (online) of the 2020 International Conference on  |
|                   | Advanced Education, Management and Social Science (AEMSS2020), held on April 12 - 13,  |
|                   | 2020, Hangzhou, China.   |
| 01/2020 -         | Technical Committee member (online) of the 2020 4th International Conference on High   |
| 03/2020           | Performance Compilation, Computing and Communications (HP3C-2020), held on March 12 -  |
| 03/2020           | 14, 2020, Guangzhou, China.  |
| 01/2020           | International Scientific Committees member (online) of the 2020 3rd International Conference on  |
| 01/2020           | Advances in Management Science and Engineering (AMSE2020), held on January 12 - 13, 2020,  |
|                   | Wuhan, China.  |
| 11/2019 -         | Program Committee member (online) of the 6th International Conference on Software  |
| 01/2020           | Engineering (SEC 2020), held on January 25 - 26, 2020, Zurich, Switzerland.  |
| 11/2019 -         | International Scientific Committees member (online) of the 2019 International Conference on  |
| 12/2019           | Mechatronics, Control and Automation Engineering (ICMCAE2019), held on December 27 - 29,   |
| 12/2019           | 2019, Guangzhou, China.  |
|                   | International Scientific Committees member (online) of the 2019 4th International Conference on  |
|                   | · · · · · · · · · · · · · · · · · · ·  |
|                   | Computational Modeling, Simulation and Applied Mathematics (CMSAM2019), held on  |
| 11/2010           | December 27 - 29, 2019, Guangzhou, China.  Technical Program Committee member (culine) of the 2rd International Conference on Wireless.  |
| 11/2019 -         | Technical Program Committee member (online) of the 3rd International Conference on Wireless  |
| 12/2019           | Communications and Applications (ICWCA2019), held on December 21 - 23, 2019, Haikou,   |
| 10/2010           | Hainan, China.   |
| 10/2019 -         | Program Committee member (online) of the 9th International Conference on Advances in   |
| 12/2019           | Computing and Information Technology (ACITY 2019), held on December 21 - 22, 2019, Sydney,   |
| 06/0010           | Australia.   |
| 06/2019 -         | Program Committee member (online) of the 5th International Conference on Computer Science  |
| 12/2019           | and Information Technology (CSTY 2019), held on November 30 - December 1, 2019, Dubai,   |
|                   | UAE.   |
| 11/2019           | International Scientific Committees member (online) of the 2019 International Conference on  |
|                   | Energy, Power and Environmental Science (EPES2019), held on November 24 - 25, 2019,  |
|                   | Beijing, China.  |
| 08/2019 -         | International Scientific Committees member (online) of the 2019 2nd International Conference on  |
| 10/2019           | Mathematics, Modeling and Simulation Technologies and Applications (MMSTA2019), held on  |
|                   | October 27 - 28, 2019, Xiamen, China.  |
| 06/2019 -         | Technical Committee member (online) of the 2019 European Conference on Frontiers of  |
| 09/2020           | Computer Science and Information Technology (FCSIT 2019), organized by Hong Kong Society   |
|                   | of Robotics and Automation (HKSRA), held on September 22 - 24, 2019, Amsterdam,  |
|                   | Netherlands.   |
|                   |  |

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|-----------|---|
|           | Technical Committee member (online) of the 2020 European Conference on Frontiers of Computer Science and Information Technology (FCSIT 2020), organized by Hong Kong Society of Robotics and Automation (HKSRA), held on September 18 - 20, 2020, Saint Petersburg, Russia. |
| 06/2019 - | Technical Committees member (online) of the 3rd Annual International Conference on Wireless   |
| 12/2019   | Communications, Networking and Applications (WCNA 2019), held on December 20 - 21, 2019, Guangzhou, Guangdong, China.   |
| 07/2019 - | International Scientific Committees member (online) of the 2019 International Conference on   |
| 08/2019   | Mathematics, Big Data Analysis and Simulation and Modeling (MBDASM2019), held on August 30 - 31, 2019, Changsha, China.  International Scientific Committees member (online) of the 2019 International Conference on  |
|           | Power, Energy, Environment and Computer Science (PEECS2019), held on August 30 - 31, 2019, Changsha, China.   |
|           | International Scientific Committees member (online) of the 2019 International Conference on Civil Engineering, Mechanics and Materials Science (CEMMS2019), held on August 30 - 31, 2019, Changsha, China.  |
| 07/2019   | Publication Chairs member (online) of the 2019 2nd International Conference on Electrical,  |
|           | Mechanical and Industrial Engineering (ICEMIE2019), held on July 19 - 21, 2019, Wuhan, China.   |
|           | International Scientific Committees member (online) of the 2019 International Conference on   |
|           | Computer, Wireless Communication and Signal Processing (CWCSP2019), held on July 19 - 21, 2019, Wuhan, China.   |
| 05/2019 - | Technical Committees member (online) of the 2019 International Conference on Information  |
| 11/2019   | Technology and Education Technology (ITET 2019), held on November 25 - 27, 2019, Singapore,   |
| 11/2019   | with technical sponsorship of Université de Montréal, Canada, Okayama University, Japan, etc.   |
|           | Technical Committees member (online) of the 2019 International Workshop on Artificial   |
|           |   |
|           | Intelligence and Education (WAIE 2019), held on November 25 - 27, 2019, Singapore, with   |
|           | technical sponsorship of Université de Montréal, Canada, Okayama University, Japan, etc.  |
| 04/2019 - | International Scientific Committees member (online) of the 2019 International Conference on   |
| 06/2019   | Modeling, Simulation and Big Data Analysis (MSBDA2019), held on June 23 - 24, 2019, Wuhan, China.   |
| 04/2019 - | International Scientific Committees member (online) of the 2019 2nd International Conference on   |
| 05/2019   | Electrical and Electronic Engineering (EEE2019), held on May 26 - 27, 2019, Hangzhou, China.  |
| 03/2019 - | Conference Technical Committees member (online) of the 2019 International Conference on   |
| 06/2019   | Materials Science and Manufacturing (MSM2019), held on June 23 - 24, 2019, Wuhan, China.  |
|           | Conference Technical Committees member (online) of the 2019 International Conference on   |
|           | Economics, Management and Social Development (EMSD2019), held on June 23 - 24, 2019, Wuhan, China.  |
| 02/2019 - | Conference Technical Committees member (online) of the 2019 2nd International Conference on   |
| 11/2020   | Big Data and Machine Learning (BDML2019), held on November 8 - 10, 2019, Chengdu, China.  |
| 11/2020   | Conference Technical Committees member (online) of the 2020 3rd International Conference on Big Data and Machine Learning (BDML2020), held on November 13 - 15, 2020, Chengdu, China.   |
|           | Awarded as sponsor of BDML2020.   |
| 01/2019 - | Technical Program Committee member (online) of the 2019 Blockchain and Internet of Things   |
| 07/2020   | Conference (BIOTC 2019), held on July 7 - 9, 2019, Okinawa, Japan.  |
|           | Technical Program Committee member (online) of the 2020 Blockchain and Internet of Things   |
|           | Conference (BIOTC 2020), held on July 8 - 10, 2020, Singapore.  |
| 01/2019 - | International Scientific Committees member (online) of the 2019 International Conference on   |
| 05/2019   | Social Science, Economics and Management Research (SSEMR2019), held on May 26 - 27, 2019, Hangzhou, China.  |
| 01/2019 - | International Scientific Committees member (online) of The 2019 International Conference on   |
| 03/2019   | Electrical, Mechanical Control, Automation and Robotics (EMCAR2019), held on March 24 - 25, 2019, Beijing, China.   |
|           |   |
|           | International Scientific Committees member (online) of The 2019 International Conference on Education Reform, Management Innovation and Social Science (ERMISS2019), held on March 24, 25, 2019 Reijing China   |
|           | 24 - 25, 2019, Beijing, China.  |
|           | International Scientific Committees member (online) of The 2019 International Conference on Computer Science, Communications and Big Data (CSCBD2019), held on March 24 - 25, 2019,   |
| L         | Beijing, China.   |

|                      | International Scientific Committees member (online) of The 2019 International Conference on Physics, Mathematical Modeling and Simulation (ICPMMS2019), held on March 24 - 25, 2019, Beijing, China.   |
|----------------------|--|
|                      | International Scientific Committees member (online) of The 2019 2nd International Conference on Sustainable Energy, Environment and Information Engineering (SEEIE2019), held on March 24 - 25, 2019, Beijing, China.  |
| 12/2018 -<br>07/2020 | Technical Committee member (online) of the 2019 International Conference on Artificial Intelligence and Computer Science (AICS2019), held on July 12 - 13, 2019, Wuhan, Hubei, China. Technical Committee member (online) of the 2020 2nd International Conference on Artificial Intelligence and Computer Science (AICS2020), held on July 25 - 26, 2020, Wuhan, Hubei, China.  |
| 12/2018 -<br>06/2019 | Technical Committees member (online) of The 2019 3rd International Conference on Natural Language Processing and Information Retrieval (NLPIR 2019), held on June 28 - 30, 2019, Tokushima University, Tokushima, Japan.   |
| 12/2018 -<br>04/2019 | International Scientific Committees member (online) of the 2019 International Conference on Management Innovation, Education Reform and Applied Social Science (MIERASS2019), held on April 21 - 22, 2019, Guilin, China.  International Scientific Committees member (online) of the 2019 International Conference on Applied Mathematics, Modeling, Simulation and Optimization (AMMSO2019), held on April 21 - 22, 2019, Guilin, China. |
| 11/2018 -<br>02/2019 | Advisory Board member (online) of The 4th International Conference on Communication, Computing and Information Technology (ICCCMIT 2019), held on February 15 - 16, 2019, Chennai, India.  |
| 10/2018 -<br>05/2020 | Technical Program Committee member (online) of the 4th Annual International Conference on Information System and Artificial Intelligence (ISAI2019), held on May 17 - 18, 2019, Changsha, Hunan, China.  Technical Program Committee member (online) of the 5th Annual International Conference on Information System and Artificial Intelligence (ISAI2020), held on May 22 - 23, 2020, Hangzhou, Zhejiang, China.                        |
| 10/2018 -<br>06/2019 | International Scientific Committees member (online) of the 2019 International Conference on Artificial Intelligence, Control and Automation Engineering (AICAE2019), held on June 20 - 21, 2019, Wuhan, China.   |
| 10/2018 -<br>01/2019 | International Scientific Committees member (online) of the 2019 International Conference on Electronical, Mechanical and Materials Engineering (ICE2ME2019), held on January 20 - 21, 2019, Wuhan, China.  |
| 10/2018 -<br>03/2020 | Conference Technical Committees member (online) of the 2019 International Conference on Blockchain Technology (ICBCT 2019), held on March 15 - 18, 2019, Honolulu, Hawaii, USA. Conference Technical Committees member (online) of the 2020 International Conference on Blockchain Technology (ICBCT 2020), held on March 12 - 14, 2020, Imiloa Astronomy Center of Hawaii University at Hilo, Hilo, Hawaii, USA.                          |
| 10/2018 -<br>04/2019 | Technical Program Committee member (online) of The 2019 International Conference on Software Engineering and Service Science (ICSESS2019), held on April 19 - 20, 2019, Wuhan, China. Approved as Keynotes Speaker.  |
| 10/2018 -<br>07/2020 | Technical Program Committee member (online) of Computing Conference 2019, held on July 16 - 17, 2019, London, United Kingdom.  Technical Program Committee member (online) of Computing Conference 2020, held on July 16 - 17, 2020, London, United Kingdom.   |
| 09/2018 -<br>06/2019 | International Program Committee member (online) of the 2019 Annual Meeting on Management Engineering (AMME 2019), held on June 7 - 9, 2019, Kuala Lumpur, Malaysia. International Program Committee member (online) of the 2019 1st International Conference on Artificial Intelligence and Machine Learning (ICAIML 2019), held on June 7 - 9, 2019, Kuala Lumpur, Malaysia.  |
| 09/2018 -            | Technical Program Committee member (online) of Computer Vision Conference (CVC) 2019,  |
| 05/2019              | held on May 2 - 3, 2019, Las Vegas, Nevada, United States.   |
| 09/2018 -<br>02/2020 | Conference Technical Committees member (online) of the 2019 2nd International Conference on Computer Graphics and Virtuality (ICCGV 2019), held on February 23 - 26, 2019, Jeju Island, Korea.   |
|                      | Conference Technical Committees member (online) of the 2020 3rd International Conference on Computer Graphics and Virtuality (ICCGV 2020), held on February 21 - 24, 2020, Chengdu, China.   |

| 09/2018 - | Co-Chair, Co-Editor, Advisory Committee member, and Technical Program Committee member   |
|-----------|--|
| 04/2019   | (online) of the 5th Annual International Conference on Network and Information Systems for   |
|           | Computers (ICNISC2019), held on April 19 - 20, 2019, Wuhan, China.   |
|           | Co-Chair, Co-Editor, Advisory Committee member, and Technical Program Committee member   |
|           |  |
|           | (online) of the 6th Annual International Conference on Network and Information Systems for   |
|           | Computers (ICNISC2020), held on April 17 - 18, 2020, Wuhan, China.   |
| 09/2018 - | International Scientific Committees member (online) of the 2019 2nd International Conference on  |
| 02/2019   | Informatics, Control and Automation (ICA2019), held on February 27 - 28, 2019, Shenzhen,   |
| 02/2017   | · · · · · · · · · · · · · · · · · · ·  |
|           | China.   |
|           | International Scientific Committees member (online) 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 (online) 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 (online) of the 2019 International Conference on  |
|           | Education, Management, Economics and Humanities (ICEMEH2019), held on February 27 - 28,  |
|           | 2019, Shenzhen, China.   |
|           | International Scientific Committees member (online) of the 2019 International Conference on  |
|           |  |
|           | Power, Electrical and Energy Engineering (ICP3E2019), held on February 27 - 28, 2019,  |
|           | Shenzhen, China.   |
| 01/2019   | Editorial Committee member (online) of the 2019 International Conference on Advanced   |
|           | Research in Engineering and Science (ICARES-2019), organized by Shivalik College of  |
|           | Engineering, held on January 12, 2019, Dehradun, India.  |
| 00/2010   |  |
| 08/2018 - | Technical Program Committee member (online) of The 2018 11th International Conference on   |
| 12/2018   | Computer Science and Information Technology (ICCSIT 2018), held on December 21 - 23, 2018,   |
|           | Paris, France.   |
| 08/2018 - | International Scientific Committees member (online) of the 2018 International Conference on  |
| 12/2018   | Computer, Communications and Mechatronics Engineering (CCME2018), held on December 22  |
| 12/2016   |  |
|           | - 23, 2018, Shanghai, China.   |
|           | International Scientific Committees member (online) of The 2018 International Conference on  |
|           | Mathematics, Modeling, Simulation and Statistics Application (MMSSA2018), held on December   |
|           | 22 - 23, 2018, Shanghai, China.  |
| 08/2018 - | Reviewer (online) of the 2nd Annual International Conference on Data Science and Business  |
|           |  |
| 09/2018   | Analytics (ICDSBA 2018), held on September 21 - 23, 2018, ChangSha, Hunan, China.  |
| 07/2018 - | Reviewer (online) of The 2019 International Conference on Soft Computing and Machine   |
| 04/2019   | Learning (SCML2019), held on April 26 - 29, 2019, Wuhan, China.  |
| 07/2018 - | International Scientific Committees member (online) of the 2018 3rd International Conference on  |
| 09/2018   | Computational Modeling, Simulation and Applied Mathematics (CMSAM2018), held on  |
| 07/2010   |  |
|           | September 27 - 28, 2018, Wuhan, China.   |
|           | International Scientific Committees member (online) 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 (online) of the 2018 2nd International Conference on  |
|           | Applied Social Science, Education and Management Science (ASSEMS2018), held on September   |
|           |  |
| <u> </u>  | 27 - 28, 2018, Wuhan, China  |
| 07/2018 - | Technical Committees member (online) of the 2019 World Symposium on Artificial Intelligence  |
| 03/2019   | (WSAI2019), held on March 8 - 10, 2019, Xi'an, China.  |
| 07/2018 - | Advisory Board Member of Acta Scientific Medical Sciences.   |
|           | The state of the s |
| now       | Consul Christian) of the 2010 Att Transport 1 C C  |
| 07/2018 - | General Chair (online) of the 2018 4th International Conference on Applied Mechanics and   |
| 10/2018   | Mechanical Automation (AMMA2018), held on October 28 - 29, 2018, Beijing, China.   |
|           | International Scientific Committees member (online) of the 2018 International Conference on  |
|           | Information, Electronic and Communication Engineering (IECE2018), held on October 28 - 29,   |
|           | 2018, Beijing, China.  |
|           |  |
|           | International Scientific Committees member (online) of the 2018 International Workshop on  |
|           | Wireless Communication, Network and Multimedia Engineering (IWWCNME2018), held on  |
|           | October 28 - 29, 2018, Beijing, China.   |
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|                      | International Scientific Committees member (online) of the 2018 International Conference on Applied Mathematics, Modeling and Intelligence Computation (AMMIC2018), held on October 28 - 29, 2018, Beijing, China.  |
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| 07/2018 -<br>11/2018 | International Scientific Committees member (online) of the 2018 3rd International Conference on Education, Management and Systems Engineering (EMSE2018), held on November 25 - 26, 2018, Xiamen, China.  |
|                      | International Scientific Committees member (online) of the 2018 International Conference on Wireless Communication, Network and Information Technology (WCNIT2018), held on November 25 - 26, 2018, Xiamen, China.  |
| 06/2018 -<br>11/2018 | Technical Program Committee member (online) of The Fourth International Conference on Science, Engineering and Environment (SEE), held on November 12 - 14, 2018, Nagoya, Japan. SEE is in collaboration (online) 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 -<br>09/2018 | International Scientific Committees member (online) of the 3rd 2018 International Conference on Communications, Information Management and Network Security (CIMNS2018), held on September 27 - 28, 2018, Wuhan, China.   |
| 05/2018 -<br>11/2018 | International Editorial Board member (online) of The 2018 International Conference on Economics, Management and Technology (IEMT2018), held on November 20 - 22, 2018, Bangkok, Thailand.   |
| 05/2018 -<br>03/2020 | Technical Program Committee member (online) of Future of Information and Communication Conference (FICC) 2019, held on March 14 - 15, 2019, San Francisco, USA.  Technical Program Committee member (online) of Future of Information and Communication Conference (FICC) 2020, held on March 5 - 6, 2020, San Francisco, USA.  |
| 05/2018 -<br>08/2018 | International Scientific Committees member (online) 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 -<br>12/2020 | Technical Program Committee member (Attendance Award) (online) of the 2018 International Conference on Blockchain Technology and Applications (ICBTA 2018), December 10 - 12, 2018, Xi'an, China.  Technical Program Committee member (online) of the 2019 2nd International Conference on  |
|                      | Blockchain Technology and Applications (ICBTA 2019), December 9 - 11, 2019, Xi'an, China. Technical Program Committee member (online) of the 2020 3rd International Conference on Blockchain Technology and Applications (ICBTA 2020), December 14 - 16, 2020, Xi'an, China.  |
| 05/2018 -<br>01/2019 | Technical Program Committee member (215\$ Award) (online) of the 9th Annual International Congress of Information and Communication Technology (ICICT2019), January 11 - 13, 2019, Nanning, Guangxi, China.   |
| 05/2018 -<br>12/2020 | International Technical Committees member (100\$ Award) (online) of the 2018 4th IEEE International Conference on Computer and Communications (ICCC2018), December 7 - 10, 2018, Chengdu, China.  International Technical Committees member (online) of the 2019 5th IEEE International Conference on Computer and Communications (ICCC2019), December 6 - 9, 2019, Chengdu, China.                 |
|                      | International Technical Committees member (online) of the 2020 6th IEEE International Conference on Computer and Communications (ICCC2020), December 11 - 14, 2020, Chengdu, China.   |
| 04/2018 -<br>11/2018 | Conference Technical Committees member (100\$ Award) (online) 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 -<br>06/2018 | International Scientific Committees member (online) of the 2018 International Conference on Computational Modeling, Simulation and Mathematical Statistics (CMSMS2018), June 24 - 25, 2018, Xi'an, China.  International Scientific Committees member (online) of the 2018 3rd International Conference on  |
|                      | Electrical, Automation and Mechanical Engineering (EAME2018), June 24 - 25, 2018, Xi'an, China.  International Scientific Committees member (online) of the 2018 2nd International Conference on  |
|                      | Artificial Intelligence and Software Engineering (AISE2018), June 24 - 25, 2018, Xi'an, China.  |

| 04/2019   | International Scientific Committees member (online) of the 2018 3rd International Conference on |
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| 04/2018 - | ` '   |
| 07/2018   | Modelling, Simulation and Applied Mathematics (MSAM2018), July 22 - 23, 2018, Shanghai,         |
|           | China.  |
| 04/2018 - | International Scientific Committee member (online) of 6th Annual 2018 International Conference  |
| 10/2018   | on Geo-Spatial Knowledge and Intelligence (GSKI2018), October 26 - 28, 2018, Beijing, China.    |
| 04/2018 - | Technical Program Committee member (online) of the 2018 2nd International Conference on         |
| 11/2020   | Cloud Technology and Communication Engineering (CTCE2018), held on August 17 - 19, 2018,        |
| 11/2020   |   |
|           | Nanjing, China.   |
|           | Technical Program Committee member (online) of the 2019 3rd International Conference on         |
|           | Cloud Technology and Communication Engineering (CTCE2019), held on November 15 - 16,            |
|           | 2019, Wuhan, China.   |
|           | Technical Program Committee member (online) of the 2020 4th International Conference on         |
|           | Cloud Technology and Communication Engineering (CTCE2020), held on November 20-21,              |
|           | 2020, Chengdu, Sichuan, China.  |
| 04/2018   | Co-Chair (online) of the 4th Annual International Conference on Network and Information         |
| 04/2010   |   |
| 0.4/2010  | Systems for Computers (ICNISC2018), held on April 20 - 22, 2018, Wuhan, China.                  |
| 04/2018   | International Technical Committee member (online) of the 2018 International Conference on       |
|           | Physics, Computing and Mathematical Modeling (PCMM2018), held on April 15 - 16, 2018,           |
|           | Shanghai, China.  |
| 04/2018 - | Program Committee member (online) of The 5th Multidisciplinary International Social Networks    |
| 07/2018   | Conference (MISNC 2018), held on July 16 - 18, 2018, Saint-Etienne, France.                     |
| 3.,2310   | Program Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.                    |
| 03/2018 - |   |
|           | Technical Committees member (online) of The 2nd International Conference on Natural             |
| 09/2018   | Language Processing and Information Retrieval (NLPIR 2018), held on September 7 - 9, 2018,      |
|           | Bangkok, Thailand.  |
| 01/2018 - | Technical Program Committee member (online) of 4th EAI International Conference on Nature       |
| 11/2018   | of Computation and Communication (ICTCC 2018), November 22 - 23, 2018, Viet Tri, Vietnam.       |
|           | Technical Program Committee member (online) of the 7th EAI International Conference on          |
|           | Context-Aware Systems and Applications (ICCASA 2018), held on November 22 - 23, 2018, Viet      |
|           | Tri, Vietnam.   |
| 01/2019   |   |
| 01/2018 - | Technical Program Committee member (online) of The 2nd Annual International Conference on       |
| 05/2018   | Artificial Intelligence and Computer Engineering (AICE2018), held on May 18 - 20, 2018, Xi'an,  |
|           | China.  |
| 01/2018 - | Technical Program Committee member (online) of The 3rd International Conference on Artificial   |
| 11/2018   | Intelligence and Robots (AIR 2018), held on November 28 - 30, 2018, Sanya, China.               |
| 12/2017 - | International Scientific Committees member (online) of The 2018 2nd International Conference    |
| 12/2017   | on Humanity and Social Science (ICHSS2017), held on December 24 - 25, 2017, Xiamen, China.      |
| 12/2017 - | International Scientific Committees member (online) of The 2018 2nd International Conference    |
|           | on Energy and Power Engineering (EPE2018), held on March 25 - 26, 2018, Chengdu, China.         |
| 03/2018   |   |
| 11/2017 - | International Scientific Committees member (online) of 2018 International Conference on         |
| 02/2018   | Mechanical, Automation and Applied Mechanics (MAAM2018), held on February 7 - 8, 2018,          |
|           | Wuhan, China.   |
|           | International Scientific Committees member (online) of 2018 International Conference on         |
|           | Modeling, Simulation and Analysis (ICMSA2018), held on February 7 - 8, 2018, Wuhan, China.      |
| 11/2017 - | Program Committee member (online) of The International Conference on Network Engineering        |
| 04/2018   | and Information Security (NEIS2018), held on April 20 - 22, 2018, Wuhan, China.                 |
| 11/2017 - | Technical Program Committee member (online) of The 3rd Annual International Conference on       |
|           |   |
| 06/2018   | Information System and Artificial Intelligence (ISAI2018), held on June 22 - 24, 2018, Suzhou,  |
|           | Jiangsu, China.   |
|           | Technical Program Committee member (online) of The 2018 International Conference on             |
|           | Software Engineering and Service Science (ICSESS2018), held on June 22 - 24, 2018, Suzhou,      |
|           | China.  |
| 10/2017 - | General Chair (online) of the 2017 3rd International Conference on Social, Education and        |
| 11/2017   | Management Engineering (SEME2017), held on November 26 - 27, 2017, Shanghai, China.             |
|           |   |
| 10/2017 - | International Scientific Committees member (online) of the 2018 International Conference on     |
| 01/2018   | Modeling, Simulation and Optimization (MSO2018), held on January 21 - 22, 2018, Shenzhen,       |
|           | China.  |
|           | International Scientific Committees (online) of The 2018 3rd International Conference on        |
|           | Education and Management Science (ICEMS2018), held on January 21 - 22, 2018, Shenzhen,          |
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|                      | China.  International Scientific Committees (online) of The 2018 International Conference on Biological,                 |
|----------------------|--|
|                      | Pharmaceutical and Chemical Engineering (BPCE2018), held on January 21 - 22, 2018, Shenzhen, China.                      |
| 09/2017 -            | Advisory Board member (online) of International Journal of Advanced Research in Computer                                 |
| now                  | Science and Software Engineering (IJARCSSE).   |
| 09/2017 -            | Reviewer Committee member (online) of International Association of Engineers (IAOES).                                    |
| now                  | Cointific Committee manhan (antion) of International Contra of Familians in Familians in                                 |
| 09/2017 -<br>now     | Scientific Committee member (online) of International Centre of Excellence in Engineering & Technology (ICEEAT).         |
| 09/2017 -            | Reviewer Committee member (online) of Universal Researchers in Civil and Architecture                                    |
| now<br>09/2017 -     | Engineering (URCAE).  Reviewer Committee member (online) of International Forum of Engineers & Practitioners             |
| now                  | (FENP).  |
|                      | Reviewer Committee member (online) of International Forum on Food, Agriculture and Biological Sciences (FFABS).          |
| 09/2017 -            | Reviewer Committee member (online) of International Academy of Industrial, Mechanical &                                  |
| now                  | Aeronautical Engineering (IAIMAE).  International Scientific Committees member (online) of 5th Annual 2017 International |
| 09/2017 -<br>12/2017 | Conference on Geo-Spatial Knowledge and Intelligence (GSKI2017), December 8 - 10, 2017, Chiang Mai, Thailand.            |
| 09/2017 -            | International Scientific Committees member (online) of the 2017 2nd International Conference on                          |
| 12/2017              | Computer, Mechatronics and Electronic Engineering (CMEE2017), December 24 - 25, 2017, Xiamen, China.                     |
| 09/2017 -            | Technical Program Committee member (online) of 3rd EAI International Conference on Nature                                |
| 11/2017              | of Computation and Communication (ICTCC 2017), November 23 - 24, 2017, Tam Ky, Vietnam.                                  |
|                      | Technical Program Committee member (online) 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 (online) of the 2017 EAI International Conference on                                  |
| 00,201,              | Ubiquitous Communications and Network Computing (UBICNET 2017), August 3 - 5, 2017,                                      |
|                      | Bangalore, India.  |
| 08/2016 -            | International Scientific Committees member (online) of the 2nd 2017 International Conference on                          |
| 10/2017              | Communications, Information Management and Network Security (CIMNS2017), held on October 22 - 23, 2017, Beijing, China.  |
| 08/2017 -            | International Scientific Committees member (online) of The 3rd International Conference on                               |
| 11/2017              | Artificial Intelligence and Industrial Engineering (AIIE2017), held on November 26 - 27, 2017, Shanghai, China.          |
| 08/2017 -            | Technical Program Committee member (online) of the 2017 2nd International Conference on                                  |
| 10/2017              | Applied Mechanics, Electronics and Mechatronics Engineering (AMEME2017), held on October 22-23, 2017, Beijing, China.    |
|                      | Technical Program Committee member (online) of the 2017 2nd International Conference on                                  |
|                      | Computational Modeling, Simulation and Applied Mathematics (CMSAM2017), held on October                                  |
|                      | 22-23, 2017, Beijing, China.   |
| 06/2017 -            | Technical Program Committee member (online) of the 2017 4th International Conference on                                  |
| 09/2019              | Education Reform and Modern Management (ERMM2017), held on August 6 - 7, 2017, Phuket,                                   |
|                      | Thailand.  |
|                      | Technical Program Committee member (online) of the 2019 5th International Conference on                                  |
|                      | Education Reform and Modern Management (ERMM2019), held on September 22 - 23, 2019, Shanghai, China.                     |
| 05/2017 -            | International Scientific Committees member (online) of the 2017 2nd International conference on                          |
| 06/2017              | Advanced Management Science and Information Engineering (AMSIE2017), held on June 25 - 26, 2017, Sanya, China.           |
| 04/2017 -            | Technical Program Committee member (online) of the 2017 International Conference on                                      |
| 06/2017              | Computer, Electronics and Communication Engineering (CECE2017), held on June 25 - 26, 2017,                              |
| 04/2017 -            | Sanya, China.  Technical Program Committee member (online) of the 2017 2nd International Conference on                   |
| 04/2017 - 05/2017    | Test, Measurement and Computational Method (TMCM2017), held on May 21 - 22, 2017,  |
| 03/201/              | Beijing, China.  |
| L                    | Doijing, Ciniu.  |

| 04/2017 -<br>05/2017 | International Scientific Committees member (online) of the 2017 International Conference on Applied Mathematics, Modelling and Statistics Application (AMMSA2017), held on May 21 - 22, 2017, Beijing, China.  |
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| 03/2017 -<br>11/2017 | Technical Program Committee member (online) of the 2017 3rd Annual International Conference on Computer Science and Mechanical Automation (CSMA2017), held on November 10 - 12, 2017, Wuhan, China.  |
| 03/2017 -<br>10/2017 | Technical Program Committee member (online) of the 2017 International Conference on Computer Engineering and Information System (CEIS2017), held on October 20 - 22, 2017, Xiamen, China.  |
| 02/2017 -<br>04/2017 | International Scientific Committees member (online) of the 2017 International Conference on Energy, Power and Environmental Engineering (ICEPEE2017), held on April 23 - 24, 2017, Shanghai, China.  |
| 01/2017 -<br>03/2017 | International Scientific Committees member (online) of the 2017 2nd International Conference on Modelling, Simulation and Applied Mathematics (MSAM2017), held on March 26 - 27, 2017, Bangkok, Thailand.  |
| 01/2017 -<br>03/2017 | International Scientific Committees member (online) of the 2017 International Conference on Mechanical and Mechatronics Engineering (ICMME2017), held on March 26 - 27, 2017, Bangkok, Thailand.   |
| 01/2017 -<br>08/2017 | Technical Program Committee member (online) 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 (online) of the 2017 International Conference on Materials, Machinery and Information Technology Applications (MMITA2017), held on January 15 - 16, 2017, Beijing, China.   |
| 12/2016 -            | Technical Program Committee member (online) of the 2017 International Conference on  |
| 03/2017              | Advanced Education and Management Science (AEMS2017), held on March 26 - 27, 2017, Bangkok, Thailand.  |
| 12/2016 -            | Program Committee member (online) of the 2nd International Conference on Control and   |
| 01/2017              | Automation (ICCA2017), held on January 13 - 15, 2017, Shenzhen, China.   |
| 11/2016 -            | Program Committee member (online) of The 4rd Multidisciplinary International Social Networks   |
| 07/2017              | Conference (MISNC 2017), held on July 17 - 19, 2017, Bangkok, Thailand. <i>Program Chair</i> : Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.   |
| 11/2016 -<br>01/2017 | Technical Program Committee member (online) of the 2017 2nd International Conference on Information Technology and Management Engineering (ITME2017), held on January 15 - 16, 2017, Beijing, China.   |
| 11/2016 -<br>12/2016 | Technical Program Committee member (online) of the 2016 International Conference on Modeling, Simulation and Optimization Technologies and Applications (MSOTA2016), held on December 18 - 19, 2016, Xiamen, China.  |
| 09/2016 -<br>12/2016 | Technical Program Committee member (online) of the 2016 2nd International Conference on Sustainable Energy and Environmental Engineering (SEEE2016), held on December 18 - 19, 2016, Xiamen, China.  |
| 09/2016 -            | Technical Program Committee member (online) of the 2017 International Conference on  |
| 03/2017              | Advanced Technologies Enhancing Education (ICAT2E2017), held on March 18 - 20, 2017, Qingdao, China.   |
| 09/2016 -            | Technical Program Committee member (online) of the 2016 International Conference on  |
| 10/2016              | Advanced Materials Science and Technology (AMST2016), held on October 30 - 31, 2016, Shenzhen, China.  |
| 08/2016 -            | Technical Program Committee member (online) of the 2016 International Conference on  |
| 11/2016              | Education, Management and Applied Social Science (EMASS2016), held on November 20 - 21, 2016, Beijing, China.  |
| 08/2016 -            | Technical Program Committee member (online) of the 2016 International Conference on  |
| 10/2016              | Mathematical, Computational and Statistical Sciences and Engineering (MCSSE2016), held on October 30 - 31, 2016, Shenzhen, China.  |
| 08/2016 -<br>09/2016 | Technical Program Committee member (online) of the 2016 International Conference on Management, Economics and Sustainable Development (MESD2016), held on September 25 - 26, 2016, Shanghai, China.  Technical Program Committee member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 International Conference on Committee Member (online) of the 2016 Internation |
|                      | Communications, Information Management and Network Security (CIMNS2016), held on September 25 - 26, 2016, Shanghai, China.   |

| 08/2016 - | Technical Program Committee member (online) of The 2nd International Conference on Artificial   |
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| 11/2016   | Intelligence and Industrial Engineering (AIIE2016), held on November 20 - 21, 2016, Beijing, China.   |
| 07/2016 - | Technical Program Committee member (online) of The 2016 International Conference on   |
| 11/2016   | Wireless Communication and Network Engineering (WCNE2016), held on November 20 - 21, 2016, Beijing, China.  |
| 07/2016 - | Honorable Organization Committee member (online) of The Second International Conference on  |
| now       | Science, Engineering and Environment (SEE), Japan. SEE is in collaboration of GEOMATE International Society.  |
| 04/2016 - | Honorable Organization Committee member (online) of The 4th and 5th International Medical   |
| 11/2017   | Informatics Series Conferences.   |
| 03/2016 - | Technical Program Committee member (online) of the 2nd Annual International Conference on   |
| 04/2016   | Network and Information Systems for Computers (ICNISC2016), April 15 - 17, 2016, Wuhan, China.  |
| 03/2016 - | Program Committee member (online) of the GlobalCIS International Conferences.   |
| now       |   |
| 02/2016 - | Program Committee member (online) of The 7th International Workshop on Mining and   |
| 08/2016   | Analyzing Social Networks for Decision Support (MSNDS 2016) in conjunction with IEEE/ACM  |
|           | ASONAM 2016. August 18-21, 2016, UC Davis, Davis, CA, USA.  |
|           | Organization Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.   |
| 01/2016 - | Program Committee member (online) of The 3rd Multidisciplinary International Social Networks  |
| 08/2016   | Conference (MISNC 2016), August 15 - 17, 2016, New Jersey, USA.   |
|           | Program Chair: Prof. I-Hsien Ting, National University of Kaohsiung, Taiwan.  |
| 12/2015   | Technical Program Committee member (online) of 2015 International Conference on Electrical, Electronics and Mechatronics (ICEEM2015), December 20 - 21, 2015, Phuket, Thailand. |
| 12/2015 - | Technical Program Committee member (online) of 5th EAI International Conference on Context-   |
| 11/2016   | Aware Systems and Applications (ICCASA 2016), November 24 - 25, 2016, Thu Dau Mot, Vietnam.   |
| 09/2015 - | Reviewer Committee member (online) of International Conference on Computer, Control and   |
| 12/2015   | Communication Technologies (CCCT 2015), December 3 - 4, 2015, Antalya, Turkey.  |
| 08/2015 - | Technical Program Committee member (online) of INDIACom - International Conference on   |
| now       | Computing for Sustainable Global Development.   |
| 07/2015 - | Honorable Technical Program Committee member (online) of International Conference on  |
| 10/2015   | Artificial Intelligence, Software Engineering and Industrial Application (AISEIA 2015). October 25 - 26, 2015, Bankok, Thailand.  |
| 05/2015 - | Technical Program Committee member (online) of International Conference on Data, Information  |
| 11/2015   | and Knowledge Management (DIKM 2015), November 20 - 22, 2015, Guilin, China.  |
| 2015 -    | Reviewer Committee member (online) of Emirates Association of Computer, Electrical &  |
| now       | Electronics Engineers (EACEEE).   |
| 05/2015 - | Taskforce member of quality assurance manual development and implementation of Statistics   |
| 05/2017   | Without Borders.  |
| 02/2015 - | Member of Quality Assurance Committee of Statistics Without Borders.  |
| now       |   |
| 04/2005   | An Giang University Delegation Leader of Student Olympic Informatics at Ho Chi Minh   |
|           | University of Science, Vietnam, April 23 - 25, 2005.  |

## **Reviewers and Editors**

| 01/2022 - | Editorial Board member of VIT Press International Journal of Mathematics Research (VITP-      |
|-----------|---|
| now       | IJMR) and VIT Press International Journal of Statistics and Probability (VITP-IJSP).          |
| 07/2021 - | Editorial Board member of Endocrinology and Endocrine System Journal - PrimeOA                |
| now       | Publications.   |
| 06/2020 - | Editorial Board member of The International Journal of Language and Cultural (TIJOLAC) -      |
| now       | Growingscholar Publisher.   |
| 06/2020 - | Reviewer of Lahore Garrison University Research Journal of Computer Science and Information   |
| now       | Technology (LGURJCSIT).   |
| 05/2020 - | Editor of Computational Intelligence and Machine Learning Journal - Institute For Engineering |
| now       | Research and Publication (IFERP).   |
| 04/2020 - | Editorial Board member of Advances in Public Health, Community and Tropical Medicine -        |
| now       | Kosmos Publishers.  |

| 02/2020 -        | Editorial Board member of International Journal For Research In Mathematics And Statistics -   |
|------------------|--|
| now              | Green Publication.   |
| 01/2020 -        | Editorial Board member of Acta Ergonomica - Starling Science Publications.   |
| now              |  |
| 12/2019 -        | Editorial Board member of STEM International Organization (STEMIO).  |
| now              |  |
| 12/2019 -        | Editorial Board member of International Journal of Physics: Study and Research (IJPSR),  |
| now              | Madridge Publishers.   |
| 11/2019 -<br>now | Advisory Board member of Centre for Continuing Nursing Excellence (CCNE).  |
| 11/2019 -        | Editorial Board member of Gnome Publications (Journal of Computer Science and Artificial   |
| now              | Intelligence, Journal of Mathematics, Statistics and Computing).   |
| 10/2019 -        | Asia editor of Revista Sociedade Científica (RSC).   |
| now              |  |
| 10/2019 -        | Editorial Board member of Frontiers in Medical Case Reports.   |
| now              |  |
| 06/2019 -        | Editorial Board member of Practique Clinique et Investigation, Tridha Scholars.  |
| now              |  |
| 05/2019 -        | Editorial Board member of Annals of Mathematics and Physics, Peertechz.  |
| now              | President of the state of the s |
| 05/2019 -        | Editorial Board member of Forefront Journal of Engineering & Technology and Forefront Journal  |
| now<br>11/2018 - | of Humanities & Social Science.  Editorial Board member of IJO Journal of Mathematics - International Journal of Organisation  |
|                  | (IJO).   |
| now<br>10/2018 - | Reviewer of Journal of Advances in Computational and Applied Sciences (ACAS) - Isaac   |
| now              | Scientific Publishing.   |
| 10/2018 -        | Reviewer of Open Access Journals.  |
| now              | reviewer of open recess vournais.  |
| 09/2018 -        | Editorial Board member of Current Scientific Research in Biomedical Sciences (CSRBS) -   |
| now              | Chembio Publisher.   |
| 06/2018 -<br>now | Editor of International Journal of Innovation and Research in Educational Sciences (IJIRES). Publisher: Timeline Publication Pvt. Ltd.   |
| 06/2018 -        | Reviewer of Nursing Practice Today.  |
| now              |  |
| 05/2018 -        | Reviewer of COJ Electronics & Communications - Crimson Publishing.   |
| now              |  |
| 05/2018 -        | Reviewer of Journal of Mathematics and Computer Applications Research - TJPRC Publisher.   |
| now              |  |
| 05/2018 -<br>now | Editorial Board member of Mathematics and Humanities Engineering Open Access Open Journal (MHEOAOJ) - SOAOJ Publishing.  |
| 04/2018 -        | Reviewer of BEST: International Journal of Management, Information Technology and  |
| now              | Engineering.   |
| 04/2018 -        | Reviewer of Experimental Medicine (EM) - International Technology and Science Publications   |
| now              | (ITS).   |
| 04/2018 -        | Reviewer of International Journal of Research and Review (IJRR).   |
| now              | Editorial Board member of International Educational Scientific Research Journal (IESRJ).   |
| 04/2018 -        | Editorial Doard member of international Educational Scientific Research Journal (IESRJ).   |
| now<br>04/2018 - | Editor of Clausius Scientific Press (CSP).   |
| 12/2022          | Lantor of Clausius Scientific (CSI).   |
| 04/2018 -        | Reviewer of IASET: Journal of Applied Mathematics & Statistical Sciences.  |
| now              | Tr   |
| 03/2018 -        | Area Editor of EAI Endorsed Transactions on Ambient Systems.   |
| now              | Deviation of IEEE Transactions on Viscolades and Data Englished (TVDE)   |
| 03/2018 -        | Reviewer of IEEE Transactions on Knowledge and Data Engineering (TKDE).  |
| now<br>02/2018 - | Editorial Board member of International Journal of Modern Research In Engineering &  |
|                  | Management (IJMREM).   |
| now              | Management (BIMEM).  |

| 01/2018 - | Editorial Board member of Explore Science and Technology.  |
|-----------|--|
| now       |  |
| 01/2018 - | Reviewer of Informatica.   |
| now       |  |
| 01/2018 - | Member of Advisory Board of Gynecology and Reproductive Endocrinology, Allied Academies.         |
| now       |  |
| 01/2018 - | Reviewer of IJRDO Journal.   |
| now       |  |
| 01/2018 - | Editorial Board member of Journal of Nursing Research and Practice - Pulsus Group.               |
| now       | Bottoma Board member of Fourier of Freeze and Freeze and Freeze and Freeze of Group.             |
| 01/2018 - | Editorial Board marshon of Journal of Hognital and Hoglib ages Administration. Carrie Dublishons |
|           | Editorial Board member of Journal of Hospital and Healthcare Administration - Gavin Publishers.  |
| now       |  |
| 01/2018 - | Reviewer of Journal of Primary Health Care & General Practice - Scient Open Access.              |
| now       |  |
| 12/2017 - | Reviewer of Perceptions in Reproductive Medicine (PRM) - Crimson Publishing.                     |
| now       |  |
| 11/2017 - | Editorial Board member of JournalsPub.   |
| now       |  |
| 11/2017 - | Editorial Board member of International Journal of Research in Engineering and Innovation        |
| now       | (IJREI).   |
| 11/2017 - | Reviewer of Asian Journal of Fuzzy and Applied Mathematics (AJFAM).                              |
| now       | to the wei of risian continuor and applied riamentation (ristrict).                              |
| 11/2017 - | Editorial Board member of Topics in Intelligent Computing and Industry Design (ICID).            |
|           | Editorial board member of Topics in interngent Computing and industry Design (ICID).             |
| now       |  |
| 10/2017 - | Editorial Board member of Engineering and Technology Journal (ETJ) - Everant Publisher.          |
| now       |  |
| 10/2017 - | Editorial Board member of International Journal of Recent Research and Review (IJRRR).           |
| now       |  |
| 08/2017 - | Editorial Board member of International Knowledge Press (IKPress).                               |
| 08/2020   |  |
| 07/2017 - | Honorable Associate Editorial Board member of Research in Medical & Engineering Sciences         |
| now       | (RMES) - Crimson Publishing.   |
| 05/2017 - | Editorial Board member of Scientific Federation (SciFed Group).                                  |
| now       | \ 17   |
| 03/2017 - | Reviewer of The 10th International Multi-Conference on Engineering and Technological             |
| 07/2017   | Innovation (IMETI 2017), held on July 8 - 11, 2015, Orlando, Florida, USA.                       |
| 02/2017 - | Reviewer of Inderscience Publishers.   |
|           | Reviewer of inderscience Publishers.   |
| now       | D ' CI · · · II IC I · · · D I · CI · · · · · · · · · · · · · · · ·                              |
| 12/2016 - | Reviewer of International Journal for Innovative Research in Science & Technology (IJIRST).      |
| now       |  |
| 12/2016 - | Reviewer of International Journal of Science and Engineering Investigations (IJSEI).             |
| now       |  |
| 10/2016 - | Reviewer of American Society for Engineering Education (ASEE).                                   |
| now       |  |
| 10/2016 - | Reviewer of Engineering & Technology Research Group (ETRG).                                      |
| now       | 6 6  |
| 10/2016 - | Reviewer of Herald International Research Journals (HIRJ).                                       |
| now       | 10.10. 10. 51 Method International Resourch Fournation (11110).                                  |
| 09/2016 - | Reviewer of Eminent Association of Researchers in Engineering & Technology (EARET).              |
|           | Reviewer of Emilient Association of Researchers in Engineering & Technology (EARET).             |
| now       | Plysis Provide City and CC To C To C TO COMP   |
| 09/2016 - | Editorial Board Member of Journal of Convergence Information Technology (JCIT).                  |
| 09/2017   |  |
| 07/2016 - | Reviewer of Global Journals.   |
| now       |  |
| 07/2016 - | Associate Editor of MedWin Publishers.   |
| now       |  |
| 07/2016 - | Invited Reviewer of The 2016 International Conference on Agriculture, Energy and Environment     |
| 10/2016   | Engineering (AEEE2016), held on October 29-30, 2016 in Bangkok, Thailand.                        |
| 10/2010   | Zagaresting (Tibblesto), held on october 27 30, 2010 in Bangkok, Thanand.                        |

| 07/2016 -        | Honorable Reviewer of Gynaecology and Perinatology Journal - Scientia Ricerca Publisher.                        |
|------------------|---|
| now              |   |
| 06/2016 -        | Reviewer of the 2nd International Conference on Fuzzy System and Data Mining (FSDM 2016).                       |
| 12/2016          |   |
| 05/2016 -<br>now | Editorial Board Member of Bulletin of Mathematics and Statistics Research (BOMSR).                              |
|                  |   |
| 05/2016 -<br>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 -        | Editorial Board member of International Journal of Advanced Engineering and Management                          |
| now              | Research (IJAEMR).  |
| 04/2016 -        | Honorable Editorial Board member of Scientia Research Library.  |
| now              |   |
| 03/2016 -        | Reviewer of Global Research and Development Journals (GRD).   |
| now              |   |
| 03/2016 -        | Reviewer of conference series International Conference on Computational Methods (ICCM).                         |
| now              |   |
| 03/2016 -        | Reviewer of Conference123.net.  |
| now              |   |
| 03/2016 -        | Reviewer of International Education and Research Journal (IERJ).  |
| now              | Designation of Tetransfer 1 Association of Transfer C 11 C 1 C 24   |
| 02/2016 -<br>now | Reviewer of International Association of Humanities, Social Sciences & Management Researchers (HSSMR).          |
|                  |   |
| 02/2016 -        | Reviewer of Journal of Intelligent Information Systems (JIIS).  |
| now              |   |
| 02/2016 -        | Reviewer of Complex & Intelligent Systems (CAIS).   |
| now              |   |
| 02/2016 -        | Reviewer of Asian Online Journal Publishing Group.  |
| now              |   |
| 02/2016 -<br>now | Reviewer of Journal of Applied Mathematics and Computer Application - Brainy Buzz.                              |
| 02/2016 -        | Editorial Board member of International Journal of Emerging Engineering Research and                            |
| now              | Technology (IJEERT), SRYAHWA Publications.  |
| 01/2016 -        | Editorial Board member of Jakraya Publications.   |
| now              | Editorial Board member of Jakraya I doneations.   |
| 12/2015 -        | Reviewer of Statistics, Optimization & Information Computing (SOIC) - An International                          |
| now              | Journal.  |
| 12/2015 -        | Reviewer of Innovative Food Science and Emerging Technologies (IFSET).  |
| now              |   |
| 12/2015 -        | Reviewer of Advances in Computer Science: an International Journal.   |
| now              | <u> </u>  |
| 12/2015 -        | Guest Editor of EduPedia Publications.  |
| now              |   |
| 12/2015          | Reviewer of 2015 International Conference on Electrical, Electronics and Mechatronics                           |
|                  | (ICEEM2015), December 20-21, 2015, Phuket, Thailand.  |
| 12/2015 -        | Reviewer of 2nd EAI International Conference on Nature of Computation and Communication                         |
| 03/2016          | (ICTCC 2016), March 17-18, 2016, Rach Gia, Vietnam.   |
| 12/2015 -        | Reviewer of 5th EAI International Conference on Context-Aware Systems and Applications                          |
| 11/2016          | (ICCASA 2016), November 24-25, 2016, Thu Dau Mot, Vietnam.  |
| 12/2015 -        | Reviewer of International Association of Engineering & Technology Researchers (IAETR).                          |
| now              |   |
| 12/2015 -        | Reviewer of International Academy of Computer & IT Engineering (IACITE).  |
| now              |   |
| 12/2015 -        | Reviewer of Global Publishing Corporation.  |
| now              | Payiowar of Open Aggest Library Icyanal (OAL ib Icyanal)  |
| 11/2015 -        | Reviewer of Open Access Library Journal (OALib Journal).  |
| now              |   |
|                  |   |

| 11/2015 -            | Reviewer of Universal Researchers in Engineering (URENG).   |
|----------------------|---|
| now                  |   |
| 10/2015 -            | Editorial Board member of International Conference on Advances in Engineering Science and   |
| 11/2015              | management (ICAESM 2015), Agra, India, November 8, 2015.  |
| 10/2015 -            | Reviewer of International Journal of Artificial Intelligence in Education (IJAIED).   |
| now                  |   |
| 10/2015 -            | Editorial Board member of International Institute of Engineers (IIENG).   |
| now                  | THE ADDITION DAILS AND A LOCAL TO A CORPORT   |
| 09/2015 -            | Editor of PENCIL Publication of Physical Sciences and Engineering (PPPSE).  |
| now                  |   |
| 09/2015 -            | Reviewer of The 5th International Conference on Electronics, Communications and Networks  |
| 12/2015<br>09/2015 - | (CECNet 2015), December 12-15, 2015, Shanghai, China.  Reviewer of International Conference on Computer, Control and Communication Technologies |
| 12/2015              | (CCCT), December 3-4, 2015, Antalya, Turkey.  |
| 09/2015 -            | Reviewer of Multidisciplinary Digital Publishing Institute (MDPI).  |
| now                  | Reviewer of Mutudiscipiniary Digital Lubishing Institute (MDT1).  |
| 09/2015 -            | Author and Reviewer of International Journal of Biomedical Research, Scholar Science Journals.  |
| now                  | ratio and reviewer of international souther of Biomedical Research, Scholar Science Southers.   |
| 09/2015 -            | Author and Reviewer of Jurnal Teknologi.  |
| now                  | Tempologic  |
| 07/2015 -            | Member in Advisory Editorial Board of International Journal of Emerging Technology and  |
| now                  | Advanced Engineering (IJETAE). IJETAE is approved by National Science Library (NSL),  |
|                      | National Institute of Science Communication And Information Resources (NISCAIR), Council  |
|                      | of Scientific and Industrial Research, New Delhi, India.  |
| 06/2015 -            | Editorial Board Member of Studies in Engineering and Technology (SET) published by Redfame  |
| now                  | Publishing.   |
| 06/2015 -            | Reviewer of The 8th International Multi-Conference on Engineering and Technological   |
| 07/2015              | Innovation (IMETI 2015), held on July 12 - 15, 2015, Orlando, Florida, USA.   |
| 06/2015 -            | Reviewer of Cognitive Computation.  |
| now                  |   |
| 06/2015 -            | Editorial Board member of Science Publishing Group (SciencePG).   |
| now                  |   |
| 05/2015 -            | Guest Editor of Special Issue "Data Mining Applications", American Journal of Software  |
| 10/2015              | Engineering and Applications, Science Publishing Group (SciencePG).   |
| 05/2015 -            | Reviewer of International Institute of Informatics and Systemics (IIIS).  |
| now                  |   |
| 04/2015 -            | Reviewer of Cogent OA.  |
| now                  |   |
| 04/2015 -            | Author of Academic Journals.  |
| now<br>04/2015 -     | Court Designation of Cointific Descent Debtishing (CCIDD)   |
|                      | Guest Reviewer of Scientific Research Publishing (SCIRP).   |
| now<br>03/2015 -     | Reviewer of International Knowledge Press (IKPress).  |
| now -                | Reviewer of international Knowledge (1858 (1841658).  |
| 03/2015 -            | Author and Reviewer of SCIENCEDOMAIN international.   |
| now                  | radiof and reviewer of being report in methational.   |
| 03/2015 -            | Reviewer of The 5th International Conference on Electronics, Communications and Networks  |
| 09/2015              | (CECNET2015), December 12th-15th, 2015, Shanghai, China.  |
| 02/2015 -            | Lead Guest Editor of Special Issue "Some Novel Algorithms for Global Optimization and   |
| 07/2017              | Relevant Subjects", Applied and Computational Mathematics, Science Publishing Group   |
|                      | (SciencePG).  |
| 01/2015 -            | Reviewer of Journal Issues.   |
| now                  |   |
| 2015 -               | Reviewer Committee member of Emirates Association of Computer, Electrical & Electronics   |
| now                  | Engineers (EACEEE).   |
| 01/2015 -            | Reviewer of American Association for Science and Technology (AASCIT).   |
| now                  |   |
| 09/2014 -            | Reviewer of The 5th International Conference on Electronics, Communications and Networks  |
| 12/2014              | (CECNet 2014), December 12-15, 2014, Beijing, China.  |
|                      |   |

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

## **Scholar Visitings**

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

## Memberships

| Membershi     | με  |
|---------------|---|
| 01/2019 -     | Member of Sociedade Científica.   |
| now           |   |
| 07/2018 -     | Member of Bibliotheca Alexandrina Information for Africa (BAIFA).                         |
| now           |   |
| 11/2017 -     | Senior member of Institute of Research Engineers and Doctors (theIRED).                   |
| 11/2020       |   |
| 11/2017 -     | Member of International Association of Engineers (IAENG).                                 |
| now           |   |
| 11/2016 -     | Member of Vietnamese Society of Ultrasound in Medicine (VSUM).                            |
| now           | Transfer of Transfer Society of Children in 172015 in C (TS C17).                         |
| 09/2016 -     | Member of Data Science Central (DSC).   |
| now           | Member of Batta Science Central (BSC).  |
| 09/2016 -     | Life Member of American Association for Science and Technology (AASCIT).                  |
|               | Life Member of American Association for Science and Technology (AASCIT).                  |
| now           | N. 1 CT 11 T 11 1 1 1 1 1 1 1 1 1 1 1 1 1   |
| 09/2016 -     | Member of Trellis. Trellis is an exciting, new, digital communication and collaboration   |
| now           | platform from The American Association for the Advancement of Science (AAAS).             |
| 09/2016 -     | Editorial Board member of Journal of Harmonized Research Publications (JOHR).             |
| now           |   |
| 08/2016 -     | Senior Member of Information Processing Society of Japan (IPSJ).                          |
| now           |   |
| 08/2016 -     | Member of Ho Chi Minh City Society for Reproductive Medicine (HOSREM).                    |
| now           |   |
| 08/2016 -     | Senior Member of International Engineering and Technology Institute (IETI), Hong Kong.    |
| now           |   |
| 08/2016 -     | Member of Academy of American Poets.  |
| now           | ·   |
| 08/2016 -     | Complimentary member of Science Advisory Board that is global expert network to advance   |
| now           | science and medical technology.   |
| 08/2016 -     | Member of Japan Science and Technology Information Aggregator, Electronic (J-STAGE).      |
| now           | inclined of supul selected and recimology information riggregator, Electronic (8 511102). |
| 04/2016 -     | Member of Immersive Learning Research Network (iLRN).                                     |
| now           | Member of mimerate Bearing research retwork (BRC).  |
| 04/2016 -     | Member of International Statistical Institute (ISI).                                      |
|               | Wellioef of international statistical institute (151).                                    |
| now 04/2016 - | Member of International Biometric Society (IBS).  |
|               | Member of international biometric society (103).  |
| now           | Manshou of International Chinese Statistical Association (ICSA)                           |
| 03/2016 -     | Member of International Chinese Statistical Association (ICSA).                           |
| now           | M. 1. CN. M   |
| 02/2016 -     | Member of Nature Magazine.  |
| now           |   |
| 02/2016 -     | Member of The American Association for The Advancement of Science (AAAS).                 |
| now           |   |
| 01/2016 -     | Member of Construx: Software Development Best Practices laid by Steve McConnell.          |
| now           |   |
| 01/2016 -     | Member of Journal of Harmonized Research (JOHR).  |
| now           |   |
|               | ·   |

| 01/2016 -      | Member of Convergence Information Society (CIS).   |
|----------------|--|
| now            |  |
| 01/2016 -      | Member of EDAS: Editor's Assistant.  |
| now            |  |
| 01/2016 -      | Researcher of Project Euclid: mathematics and statistics online.   |
| now            |  |
| 01/2016 -      | Member of ACM Special Interest Group on Knowledge Discovery in Data (SIGKDD).  |
| now            | , and the second |
| 2015 - now     | Member of Eastern North American Region (ENAR), International Biometric Society.   |
| 2015 - now     | Member of Integration Developer News.  |
| 12/2015 -      | Member of Universal Conference Alerts.   |
|                | Member of Universal Conference Alerts.   |
| now            | N. I. SWITE WAS CONTROL OF THE CONTR |
| 12/2015 -      | Member of Web Intelligence Consortium (WIC).   |
| now            |  |
| 12/2015 -      | Member of Institute of Mathematical Statistics (IMS).  |
| now            |  |
| 12/2015 -      | Member of European Alliance for Innovation (EAI).  |
| now            | `  |
| 12/2015 -      | Member of BVICAM International Journal of Information Technology (BIJIT).  |
| now            | Distriction (Distriction)  |
| 12/2015 -      | Professional member of Association for Computing Machinery (ACM)   |
|                | Professional member of Association for Computing Machinery (ACM).  |
| now            |  |
| 11/2015 -      | Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge  |
| now            | Engineering and Knowledge Management (IC3K).   |
| 10/2015 -      | Editorial Board member of International Conference on Advances in Engineering Science and  |
| 11/2015        | management (ICAESM 2015), Agra, India, November 8, 2015.   |
| 10/2015 -      | Editorial Board member of International Institute of Engineers (IIENG).  |
| now            |  |
| 08/2015 -      | Member of 10th INDIACom; 3rd 2016 International Conference on Computing for Sustainable  |
| 03/2016        | Global Development, March 16-18, 2016.   |
| 08/2015 -      | Member of Computer Society of India - The 50th Golden Jubilee Annual Convention (CSI-  |
| 12/2015        | 2015), December 2-6, 2015.   |
|                | Member of GlobalCompliancePanel. GlobalCompliancePanel is a training source that delivers  |
| 08/2015 -      |  |
| now            | diverse, high quality regulatory & compliance trainings.   |
| 08/2015 -      | Member of O'Reilly Publisher.  |
| now            |  |
| 07/2015 -      | Member of The International Statistical Institute (ISI).   |
| now            |  |
| 07/2015 -      | Member of International Association for Official Statistics (IAOS) - The International   |
| now            | Statistical Institute (ISI).   |
| 07/2015 -      | Member of Cambodian Mathematical Society.  |
| now            | · · · · · · · · · · · · · · · · · · ·  |
| 07/2015 -      | Member of The Co-operative Group.  |
|                | inclined of the co-operative oroup.  |
| now<br>07/2015 | Member of European Mathematical Conintry (EMC)   |
| 07/2015 -      | Member of European Mathematical Society (EMS).   |
| now            |  |
| 07/2015 -      | Member of American Mathematical Society (AMS).   |
| now            |  |
| 06/2015 -      | Member of Institute for Systems and Technologies of Information, Control and Communication   |
| now            | (INSTICC).   |
| 06/2015 -      | Member of American Society for Engineering Education (ASEE).   |
| now            |  |
| 06/2015 -      | Member of Association for Computing Machinery (ACM).   |
| now            | or resolution for companing machinery (reciri).  |
| 04/2015 -      | Member of The Science and Information (SAI) Organization.  |
|                | Michibel of the science and information (SAI) Organization.  |
| now            | Month of CD and Gratiation Contra  |
| 04/2015 -      | Member of Royal Statistical Society.   |
| now            |  |
|                |  |

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

## **Participations**

| 1 al ucipa |  |
|------------|--|
| 08/2022    | Virtual participating in The Second International Workshop on Automation, Control and                    |
|            | Communication Engineering (IWACCE2022), held on 20th August 2022, Wuhan, China.                          |
| 08/2022    | Virtual participating in The 2022 Annual Medicine Training Program, organized by HCM                     |
|            | University Medical Center (UMC), held on 15th - 21st August, Ho Chi Minh city, Vietnam.                  |
| 08/2022    | Online presenting the poster "Tutorial on EM Algorithm" in The 2022 Young Statisticians'                 |
|            | Meeting (YSM2022), held on 4th - 5th August 2022, Royal Statistical Society (RSS), London, UK.           |
| 07/2022    | Virtual participating in the Synergy Summit on Paradigm Shift in Foundational Literacy and               |
|            | Numeracy, organized by DEVI Sansthan: Dignity Education Vision International, held on 11st -             |
|            | 12nd July, India.  |
| 07/2022    | Virtual participating in the online workshop ARISE-PMDA joint symposium for Asian Clinical               |
|            | Trial, co-organized by National Center for Global Health and Medicine (NCGM) and                         |
|            | Pharmaceuticals and Medical Devices Agency (PMDA), held on 12nd July 2022, Japan.                        |
| 07/2022    | Virtual participating in the International Conference 2022 focusing on Innovative Leadership and         |
|            | Management in Higher Education: Global Trends and Practices in the Post COVID-19 Pandemic,               |
|            | held on 7th - 8th July 2022, organized by The Southeast Asian Ministers of Education, Regional           |
|            | Training Center in Vietnam (SEAMEO RETRAC) in collaboration with British Columbia Council                |
|            | for International Education (BCCIE - Canada) under the gold sponsor of Capilano University.              |
| 07/2022    | Virtual participating in dialogue phase 1: "Innovation In Higher Education And The Role Of               |
|            | Women Leadership" in project: "Empowering Women Leadership In Higher Education Towards                   |
|            | Digitalization And Globalization Ages", held on 6th - 7th July 2022, organized by Hanoi Vietnam          |
|            | National University (VNU), Coventry University, Phenikaa University, and Thai Nguyen                     |
|            | University (TNU).  |
| 07/2022    | Virtual participating in International Congress of Mathematicians 2022 (ICM 2022), held on 6th -         |
|            | 14th July 2022, organized by International Mathematical Union (IMU).                                     |
| 07/2022    | Virtual participating in The 2022 World Meeting for Women in Mathematics (WM) <sup>2</sup> , held on 1st |
|            | - 2nd July 2022, organized every four years since 2018 by Committee for Women in Mathematics             |
|            | (CWM) of International Mathematical Union (IMU) as a satellite event of International Congress           |
|            | of Mathematicians 2022 (ICM 2022).   |
| 06/2022    | Virtual participating in The 14th NCGM International Infectious Diseases Forum, held on 17th             |
|            | June 2022, online organized by National Center for Global Health and Medicine (NCGM), Japan.             |
| 06/2022    | Virtual participating in the online trade meeting, organized by Taiwan Trade Center (TAITRA),            |
|            | held on 15th June 2022.  |

| 06/2022   | Online presenting the research "Expectation Maximization Algorithm with Combinatorial              |
|-----------|--|
| 00/2022   | Assumption" in The 5th International Conference on Econometrics and Statistics (EcoSta 2022),      |
|           | held on 4th - 6th June 2022, Ryukoku University, Kyoto, Japan.                                     |
| 04/2022   | Virtual participating in 19th Annual Poetry & the Creative Mind 2022 for Celebrating National      |
|           | Poetry Month, presented by the Academy of American Poets (poets.org), held on 28th April 2022      |
|           | via Crowdcast live.  |
| 04/2022   | Online presenting the research "Vài suy nghĩ về giữ gìn di sản Hán Nôm" in the 2022 National       |
| 0 1, 2022 | conference on Researching & teaching foreign languages, linguistics and international study in     |
|           | Vietnam (Nghiên cứu & giảng dạy ngoại ngữ, ngôn ngữ và quốc tế học tại Việt Nam) UNC2022,          |
|           | held on 24th April 2022, Hanoi, Vietnam.   |
| 04/2022   | Virtual participating in the online meeting of Taiwan Excellence Smart Technology and Solutions    |
| 01/2022   | Webinar, organized by Taiwan Trade Center (TAITRA) and The Ho Chi Minh City Computer               |
|           | Association (HCA), held on 14th April 2022.  |
| 03/2022   | Online presenting the research "Advanced cosine measures for collaborative filtering" in The 2022  |
| 03/2022   | 2nd International Conference on Computer, Communication, Control, Automation and Robotics          |
|           |  |
| 03/2022   | (CCCAR2022), held on 29th - 30th March 2022, Shanghai, China.                                      |
| 03/2022   | Virtual participating in The 2022 2nd IEEE International Conference on Information                 |
|           | Communication and Software Engineering (ICICSE 2022) as a Technical Program Committee              |
|           | member, sponsored by IEEE and Chengdu Signal Processing Chapter, hosted by Chongqing               |
| 2022      | Institute of Electronics, China, held on 18th - 20th March 2022, Chongqing, China.                 |
| 2022 -    | Virtual participating in webinars and forums of The Yokosuka Council on Asia-Pacific Studies       |
| 2024      | (YCAPS) which mention the study of strategic, diplomatic, and legal issues affecting the Asia-     |
| 04/2022   | Pacific Region.  |
| 01/2022   | Online presenting the topic "Triangular Learner Model" in The 1st International Conference of      |
|           | TESOL & Education (ICTE) and VLTESOL2022, organized by Van Lang University (VLU), held             |
|           | on 22nd January 2022, Ho Chi Minh city, Vietnam.   |
| 12/2021   | Virtual participating in The 2021 3rd International Conference on Computer Science,                |
|           | Communication and Network Security (CSCNS2021), held on 23th December 2021, Sanya, China.          |
| 12/2021   | Virtual participating in The International Multidisciplinary Research Conference on Education      |
|           | Across Curriculum 2021, organized by Calabanga Community College (CACC) - Philippines and          |
|           | International Cross-cultural Exchange and Professional Development-Thailand (ICEPD-Thailand),      |
|           | held on 20th - 22th December 2021, Calabanga, Philippines. Sharing of Insights to the Talk of Dr.  |
|           | Elizer Caculitan on "Perspectives from Qualitative Research on Practice, Knowledge and             |
|           | Understanding in Evidence-Based Classroom Decision".   |
| 12/2021   | Virtual participating in The 2021 International Conference on Artificial Intelligence and Big Data |
|           | in Digital Era (ICABDE 2021), organized by School of Business Information Technology,              |
|           | University of Economics Ho Chi Minh City (UEH), held on 18th - 19th December 2021, Ho Chi          |
|           | Minh city, Vietnam.  |
| 12/2021   | Virtual participating in the online conference on Online Education for Graduate Education in       |
|           | Vietnam, organized by Hanoi Open University (HOU), Association of Vietnam Universities and         |
|           | Colleges (AVU&C), and Vietnam Interactive Television Joint Stock Company (VTVLive), held           |
|           | on 15th December 2021, online.   |
| 12/2021   | Virtual participating in The 13th NCGM International Infectious Diseases Forum, held on 13th       |
|           | December 2021, online organized by National Center for Global Health and Medicine (NCGM),          |
|           | Japan.   |
| 12/2021   | Virtual participating in The 2021 International Conference on Digital Transformation and Digital   |
|           | Economics: Principles and Practice (DXDE 2021), organized by Thai Binh Duong University            |
|           | (TBD), held on 11th December 2021, Nha Trang, Vietnam.   |
| 12/2021   | Virtual participating in The 8th International Conference on Computer and Communications           |
|           | (ICCC2021), held on 11th - 13th December 2021, Chengdu, China.                                     |
| 12/2021   | Virtual participating in International Conference on Contemporary Issues in Sustainable            |
|           | Development (CISD2021), co-organized by VNU Vietnam Japan University (VJU) and VNU                 |
|           | University of Social Science and Humanity (VNU USSH) with supported from VJU coordinating          |
|           | universities in Japan and VNU Scientist Links (VSL), held on 7th - 8th December 2021, Hanoi,       |
|           | Vietnam.   |
| 12/2021   | Virtual participating in VANJ Conference 2021 (VANJ2021), organized by Vietnamese Academic         |
| 12,2021   | Network in Japan (VANJ), held on 4th - 5th December 2021, online.                                  |
| 12/2021   | Virtual participating in The 2021 Establishment Celebration Conference of Can Tho University of    |
| 12/2021   | Medicine and Pharmacy (CTUMP), held on 3rd December 2021, Can Tho, Vietnam.                        |
| L         | integration and I narmacy (C10MI), note on 3rd December 2021, Can 1110, Victnam.                   |

| 11/2021        | Virtual participating in The Central Vietnam Scientific Congress of Gynaecology and Obstetrics  |  |
|----------------|---|--|
|                | IX, organized by Vietnam Association of Gynaecology and Obstetrics (VAGO), held on November 27 - 28, 2021, Thua Thien - Hue, Vietnam, online.   |  |
| 06/2021        | Virtual participating in the online 2021 International Joint Conference on Energy and Environmental Engineering (CoEEE 2021), held on June 26 - 28, 2021, Oslo, Norway.   |  |
| 2021 -<br>2023 | Virtual participating in webinars and forums of the Vocational and Higher Education Quality Hub (UniHub).   |  |
| 04/2020        | Joining the webinar "Ovarian stimulation for IVF/ICSI - Guideline of the European Society of  |  |
|                | Human Reproduction and Embryology", held on April 26, 2020, My Duc Hospital, Ho Chi Minh city, Vietnam.   |  |
|                | Joining the webinar "COVID-19 in pregnancy", Women's Health Asia Pacific Live Webinar, held on April 23, 2020, Taipei, Taiwan, presented by Dr. Chen Dunjin (The Third Affiliated Hospital                                  |  |
|                | of Guangzhou Medical University, China) and moderated by Dr. Liona Poon (Department of Obstetrics and Gynaecology, The Chinese University).   |  |
| 11/2018        | Joining Workshop of Graph Theory and Applications, held on November 15 - 16, 2018, Hanoi,   |  |
|                | Vietnam. The workshop was organized by Vietnam Institute of Mathematics, Vietnam Institute for  |  |
|                | Advanced Study in Mathematics (VIASM), and Hanoi University of Science and Technology (HUST), moderated by Prof. Dr. Ha-Duong Thi Phan. At the workshop, I represented the  |  |
|                | work "Converting Graphic Relationships into Conditional Probabilities in Bayesian   |  |
|                | Network" with Prof. Dr. Ha-Duong Thi Phan. The work was published as a chapter in the book  |  |
|                | "Bayesian Inference" by Javier Prieto Tejedor, on November 2, 2017, InTechOpen Publisher. The   |  |
|                | work was also accepted as a short communication at the International Congress of Mathematicians 2018 (ICM 2018), held on August 1 - 9, 2018, Rio De Janeiro, Brasil.  |  |
| 11/2017        | Online joining SWB Quality Assurance Committee Meetings of Statistics Without Borders (SWB).  |  |
| -              |   |  |
| 11/2020        | Online is in in Statistics Without Dordon (SWD) Of A Session shout the approximant process and  |  |
| 11/2017        | Online joining Statistics Without Borders (SWB) Q&A Session about the engagement process and structure, organized and presented by Prof. Michiko I. Wolcott (Msight Analytics, LLC), held on                                |  |
|                | November 7, 2017.   |  |
| 10/2017        | Virtual participating in Disaster Crowdsourcing Exchange – FEMA's Disaster Hackathon organized by FEMA Crowdsourcing Team, Federal Emergency Management Agency (FEMA), held on October 21, 2017, Washington, DC 20024, USA. |  |
| 08/2017        | Joining Leu Chong Zen Club's Meeting with the subject "Positive Thought" presented by Prof. Dr.   |  |
|                | Huy-Hung Pham, organized by Prof. Dr. Ngoc-Thanh Do, held on August 27, 2017, Ho Chi Minh, Vietnam.   |  |
| 08/2017        | Joining The 2017 International Blending Christian Conference, held on August 11-13, 2017 at Bangkok, Thailand.  |  |
| 07/2017        | Joining The 7th Mekong Delta Obstetrics & Gynaecology Conference for poster presentation of   |  |
|                | the work "Experimental Results of Phoebe Framework: Optimal Formulas for Estimating Fetus Weight and Age".  |  |
| 07/2017        | Joining the 3rd Science & Technology Conference of Ho Chi Minh University of Food & Industry,   |  |
|                | held on July 4, 2017, Ho Chi Minh, Vietnam for presenting the work "Global Optimization with  |  |
|                | Descending Region Algorithm" which is the main subject of the special issue "Some Novel   |  |
|                | Algorithms for Global Optimization and Relevant Subjects" available at http://www.sciencepublishinggroup.com/specialissue/147012  |  |
| 05/2017        | Joining Blending Christian Conferences at Long Xuyen (Vietnam), Sa Dec (Vietnam), Vinh Long   |  |
| -              | (Vietnam), Ho Chi Minh city (Vietnam), and Bangkok (Thailand), organized by Society of God.   |  |
| 01/2018        | Speaking at Witness Christian Ceremony of Society of God on 24th December 2017, Ho Chi Minh city, Vietnam.  |  |
|                | Speaking at Witness Christian Ceremony of Society of God on 3rd December 2017, Long Xuyen, Vietnam.   |  |
|                | 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  |  |
| 03/2017        | Nguyen, Prof. Dinh-Hy Trinh, and Dr. Anh Phan-Cao. Online joining Statistics Without Borders (SWB) Engagement Manual Q&A Session, organized   |  |
| 03/2017        | and presented by Prof. Michiko I. Wolcott (Msight Analytics, LLC).  |  |

| 12/2016 | Delegate at The 2016 National Menopause Congress with Dr. Phuong 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 "A Framework of Estimating Fetus Weight and Age" at Ho  |
|         | Chi Minh city, Vietnam, November 26, 2016.  |
| 09/2016 | Participating in the seminar "Next Generations Leaders (NGL)" organized by PACE Institute of Management, 22nd September 2016, Ho Chi Minh city, Vietnam.  |
| 08/2016 | Online 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   |
| 03/2010 | 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  |
| 03/2010 | 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   |
| 03/2010 | 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 | ·   |
| 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 | Online 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  |
| 01/2010 | "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,   |
| 01,2010 | 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   |
| 01/2010 | for Petlanthropy" presented by Marie Oldfield, organized by Prof. Michiko I. Wolcott (Msight  |
| 01/0015 | 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 |   |
| 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  |
| 12/2015 | 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  |
| 10/20:- | 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  |
| 11/20:- | 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   |
| ĺ       | 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 paper "A New Approach for Collaborative Filtering based on Bayesian Network Inference" at |
|---------|---|
|         | Lisbon, Portugal, November 12-14, 2015.   |
| 04/2015 | Online joining SWB Quality Assurance Committee Meeting of Statistics Without Borders (SWB)  |
| -       | 9 times.  |
| 06/2016 |   |
| 12/2014 | Presenting the conference paper "Evaluating Adaptive Learning Model" and demonstrating the research "A User Modeling System for Adaptive Learning" in The 17 <sup>th</sup> International Conference Interactive Collaborative Learning (ICL2014), The 2014 World Engineering Education Forum (WEEF2014) at Dubai, UAE.  |
| 04/2014 | Joining The 12 <sup>th</sup> Workshop on Optimization and Scientific Computing, Ba Vi, Vietnam. The Vietnam Institute for Advanced Study in Mathematics (VIASM).  |
| 01/2014 | Joining The 2014 Conference of Book Author, Pedagogic University Publishing House, Hanoi, Vietnam.  |
| 12/2013 | Joining International conference on commutative algebra and its interaction to algebraic geometry and combinatorics (CA-2013), Institute of Mathematics - Vietnam Academy of Science and Technology.  |
| 12/2013 | Joining Asia-Pacific Regional Space Agency Forum (ARPSAF 20), December 3-6, 2013, Hanoi, Vietnam.   |
| 12/2013 | Joining The International Conference on Space, Aeronautical and Navigational Electrical 2013 (ICSANE 2013), Hanoi, Vietnam. Vietnam Academy of Science and Technology (VAST).   |
| 12/2013 | Joining CIMPA-UNESCO-MESR-MINECO-VIETNAM research school and workshop on "Geometry and Topology of Singular Varieties. Theory and Applications". Institute of Mathematics - Vietnam Academy of Science and Technology.  |
| 12/2013 | Joining The 9th International Conference on Geoinformation for Disaster Management (Gi4DM 2013), Institute of Geography - Vietnam Academy of Science and Technology.  |
| 11/2013 | Joining The 2013 Vietnam Business Enterprise Forum, Vietnam Chamber of Commerce and Industry (VCCI) in conjunction with General Department of Taxation & Vietnam Customs - Ministry of Finance.   |
| 10/2013 | Exhibiting product "Hudup - A framework of e-commercial recommendation algorithms" at The 2013 conference "Approaches to Foreign Capital for Enterprises", Vietnam Chamber of Commerce and Industry (VCCI).   |
| 09/2013 | Joining The Contest "Best Innovators Award 2013" organized by Vietnam Chamber of Commerce and Industry (VCCI), Vietnam-Germany University and Leipzig University with the product "Hudup - A framework of e-commercial recommendation algorithms".  |
| 09/2013 | Joining The 2013 conference "Innovation Towards Low Income People", Can Tho University, Vietnam.  |
| 09/2013 | Be trained at The 2013 conference "Developing Businesswoman Leadership Skill", Vietnam Chamber of Commerce and Industry (VCCI).   |
| 08/2013 | Joining group discussion with subject "Assessing bank credit need of enterprises" organized by International Finance Corporation - a member of World Bank Group, MCG Management Consulting, and Vietnam Chamber of Commerce and Industry (VCCI).  |
| 08/2013 | Delegate at the 8 <sup>th</sup> Vietnam National Congress of Mathematics.   |
| 06/2013 | Joining the international conference "Statistics and its interactions with other disciplines" (SIOD 2013) at Ton Duc Thang University, Ho Chi Minh city, Vietnam with the research "A New Method to Determine Separated Hyper-Plane for Non-Parametric Sign Test in Multivariate Data".   |
| 09/2012 | Joining conference "Introduction to quality management methods 5S and Kaizen at Vietnamese Enterprises" at Vietnam Chamber of Commerce and Industry (VCCI).   |
| 08/2011 | Joining conference "Strategy of assets investment". The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.  |
| 08/2011 | Joining conference "Methods of making profit". The Club "Rich Dad Poor Dad", Ho Chi Minh city, Vietnam.   |
| 12/2006 | Joining The Conference "Development and International Integration of Vietnam", Vietnam Ministry of Industry and Trade in conjunction with Vietnam Chamber of Commerce and Industry (VCCI) and Vietnam Advertisement & Fair Exhibition JSC.  |
|         |   |

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

# Links

| Links          |   |
|----------------|---|
| 02/2022        | https://www.elivapress.com/en/authors/author-7233979069   |
| - now          | Eliva Press profile.  |
| 02/2022        | https://rsquarel.org/listing.php?rid=RSL067   |
| - now          | RSquareL Identifier (RSL ID): RSL067.   |
|                | Listing Type: Research Excellence.  |
|                | Member Type: Fellow Member.   |
| 04/2021        | https://ssrn.com/author=2889237   |
| - now          | Social Science Research Network (SSRN) profile.   |
| 12/2019        | https://madridge.org/journal-of-physics-study-and-research/editors                              |
| - now          | Editorial Board member of International Journal of Physics: Study and Research (IJPSR),         |
| 11/2010        | Madridge Publishers.  |
| 11/2019        | https://twitter.com/ng_phloc  |
| - now          | Twitter.  |
| 11/2019        | http://www.youtube.com/c/LocNguyen2000  |
| - now          | YouTube channel.  |
| 09/2018        | https://chembiopublishers.com/CSRBS/editorial-board.php   |
| - now          | Editorial Board Member of Current Scientific Research in Biomedical Sciences (CSRBS).           |
| 07/2018        | https://www.actascientific.com/as-editorial_popup-asms.php?aseb_id=193                          |
| - now          | Advisory Board Member of Acta Scientific Medical Sciences.                                      |
| 06/2018        | https://gitlab.com/ngphloc  |
| - now          | GitLab profile.   |
| 04/2018        | https://publons.com/author/1230033  |
| - now          | Publons profile.  |
| 01/2018        | http://www.engii.org/conference/AIR/1044o3270.html  |
| 11/2019        | Member Biography of Technical Program Committee member of The 3rd International Conference      |
| 11/2018        | on Artificial Intelligence and Robots (AIR 2018), held on November 28 - 30, 2018, Sanya, China. |
| 2018 -         | https://www.poemhunter.com/loc-nguyen/poems Poet at PoemHunter.                                 |
| now<br>10/2017 | http://scifed.com/scifed-journal-of-astrophysics/editorial-board.php                            |
| - now          | http://scifed.com/scifed-journal-of-computer-science-applications/editorial-board.php           |
| - now          | 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   |
| 10/2017        | Tutorial Lecturer of The 9th International Joint Conference on Knowledge Discovery, Knowledge   |
|                | Engineering and Knowledge Management (IC3K 2017), held on November 1 - 3, 2017 at Funchal,      |
|                | Madeira, Portugal.  |
| 10/2017        | http://www.engii.org/conference/EBM/979o3144.html   |
| -              | Member Biography of Technical Program Committee member of The 9th International Conference      |
| 03/2018        | on Engineering and Business Management (EBM 2018), held on March 23 - 25, 2018 at Guilin,       |
|                | China.  |
| 12/2016        | Loc Nguyen is named in the list of excellent medical doctors of Ho Chi Minh City Society for    |
| - now          | Reproductive Medicine (HOSREM). This is a very big achievement.                                 |
| 10/2016        | http://www.ieti.net/pro/memberdetail.aspx?ID=199  |
| - now          | Senior Member of International Engineering and Technology Institute (IETI), Hong Kong.          |
| 09/2016        | http://www.reviewerpage.com/loc   |
| - now          | Elsevier Reviewer Page.   |
| 09/2016        | http://www.datasciencecentral.com/profile/LocNguyen   |
| - now          | Data Science Central (DSC) member profile.  |
| 06/2016        | https://www.scopus.com/authid/detail.uri?authorId=57212419467                                   |
| - now          | Mendeley profile with Scopus ID is 57212419467.   |
| 06/2016        | https://portfolio.interfolio.com/loc  |
| - now          | Interfolio profile.   |
|                |   |

| 05/2016 | http://community.amstat.org/network/members/profile/?UserKey=57539550-16ad-4023-8b17-  |  |
|---------|--|--|
| _       | c55032871072   |  |
| 05/2020 | American Statistical Association (ASA) Community profile.  |  |
| 05/2016 | https://independentscholar.academia.edu/LocNguyen  |  |
| - now   | Academia profile.  |  |
| 05/2016 | https://www.linkedin.com/in/loc-nguyen-b9330510  |  |
| - now   | LinkedIn profile.  |  |
| 05/2016 | https://www.google.com/+LocNguyen2000  |  |
| - now   | Google+ profile.   |  |
| 05/2016 | http://www.ic3k.org/RDCommunity.aspx   |  |
| - now   | Academic Partners of International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K). |  |
| 04/2016 | http://an.locnguyen.net  |  |
| - now   | Loc Nguyen's Academic Network.   |  |
| 04/2016 | http://medicalinformatics.conferenceseries.com/organizing-committee.php  |  |
| -       | Honorable Organization Committee Member Biography of The 4th International Conference on   |  |
| 10/2016 | Medical Informatics and Health, October 06-07, 2016 London, UK.  |  |
| 01/2016 | https://scholar.google.com/citations?user=UCWPyLoAAAAJ   |  |
| - now   | Google Scholar   |  |
| 01/2016 | https://www.facebook.com/ngphloc   |  |
| - now   | Facebook profile.  |  |
| 08/2015 | https://github.com/ngphloc   |  |
| - now   | GitHub profile.  |  |
| 08/2015 | http://www.locnguyen.net   |  |
| - now   | Loc Nguyen' Homepage.  |  |
| 06/2015 | http://member.acm.org/~ngphloc   |  |
| - now   | ACM membership.  |  |
| 06/2015 | http://redfame.com/journal/index.php/set/about/editorialTeamBio/9990   |  |
| - now   | Editorial Board Member Biography of Studies in Engineering and Technology (SET) published  |  |
| 05/2015 | by Redfame Publishing.  http://www.scirp.org/journal/DetailedInforOfEditorialBoard.aspx?personID=10255                             |  |
| - now   | Editorial Board Member Biography of Journal of Data Analysis and Information Processing  |  |
| - now   | (JDAIP), Scientific Research Publishing (SCIRP).   |  |
| 05/2015 | http://www.engii.org/ws/CommitteeInfor.aspx?id=661&pid=392   |  |
| -       | Member Biography of Technical Program Committee member of International Conference on  |  |
| 11/2015 | Data, Information and Knowledge Management (DIKM 2015). November 20-22, 2015, Guilin,  |  |
|         | China.   |  |
| 02/2015 | www.researcherid.com/rid/F-7019-2014   |  |
| - now   | ResearcherID member.   |  |
| 01/2015 | https://www.researchgate.net/profile/Loc-Nguyen-101  |  |
| - now   | Member Biography of ResearchGate.  |  |
| 2015 -  | http://membership.sciencepublishinggroup.com/ngphloc   |  |
| now     | Editorial Board Member Biography of Science Publishing Group.  |  |
| 2015 -  | https://powerpoetry.org/poet/Loc%20Nguyen/poems  |  |
| now     | Poet at Power Poetry.  |  |
| 10/2014 | http://www.aascit.org/membership/ngphloc   |  |
| - now   | Member Biography of American Association for Science and Technology (AASCIT).  |  |
| 12/2014 | http://www.slideshare.net/LocNguyen38  |  |
| - now   | Presenter at SlideShare.   |  |
| 2014 -  | http://allpoetry.com/Loc_Nguyen  |  |
| now     | Poet at AllPoetry.   |  |
| 05/2013 | http://orcid.org/0000-0001-5192-8106   |  |
| - now   | ORCID researcher ID.   |  |
| 2009 -  | https://www.scopus.com/authid/detail.uri?authorId=57212419467  |  |
| now     | Scopus profile. Scopus ID is 57212419467.  |  |
| 2009 -  | https://dblp.org/pid/87/2067.html  |  |
| now     | dblp profile.  |  |
| 2007 -  | http://www.thivien.net/Loc-Nguyen/m-poems-UekK6J7Sygd_D70qte6Ttg   |  |
| now     | Member of the poet community Thi Viện.   |  |

#### **Scientific Metrics**

| Google Scholar citations       | 385   |
|--------------------------------|-------|
| Google Scholar h-index         | 9     |
| Google Scholar i10-index       | 8     |
| ResearchGate citations         | 226   |
| ResearchGate h-index           | 7     |
| ResearchGate reads             | 66758 |
| ResearchGate recommendations   | 251   |
| ResearchGate research interest | 618.6 |

### XIV. References

• Dr. Fahad Ahmad

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o Phone: 033 45326634

o Email: anumshafiq@ymail.com

o Skype: anumshafiq1988

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o Email: harishg58iitr@gmail.com

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o Phone: +92 300 5305627

o Email: shahid.naseem@gmail.com

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o Email: bhatyasirhamid@pec.edu

Skype: bhatyasirhamid

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Survey Research Operation | Survey Research Center

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o Skype: yuchieh0

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Data Scientist

Director of Academic Affairs at Taiwanese Association for Social Networks - TASN

Director at Social Network Innovation Center

Associate Professor at National University of Kaohsiung.

Email: iting@nuk.edu.twPhone: +886 912 310 999

- o Homepage: iting.im.nuk.edu.twa
- *Prof. Gary Shapiro*, Senior Statistician of The World. He is a co-founder of Statistics Without Borders.
  - o Email: g.shapiro4@live.com
  - Phone: 1 301 350 0621
     Skype: gary.shapiro19
     Eastern time zone (ET)
  - Homepage: http://community.amstat.org/statisticswithoutborders/aboutswb/positions
  - Short biography:

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

#### • Prof. Mohamed A. MELLAL

Associate Professor at Faculty of Engineering Sciences (FSI), M'Hamed Bougara University, Boumerdes, Algeria.

Achievements:
Journal papers: 13
Conference papers: 11
Edited book: 1

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