

# CURRICULUM VITAE



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<i>Other names</i>	Nguyễn Phước Lộc
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## I. Education

09/2009 - 11/2016	<b>Doctorate of Statistical Medicine.</b> (ACADEMIC EXPERIENCE)
09/2014 - 07/2016	<b>Post-Doctorate of Mathematics and Statistics.</b> (ACADEMIC EXPERIENCE)
09/2011 - 11/2013	<b>Post-Doctorate of Computer Science</b> at <a href="#">Sunflower Soft Company</a> , Vietnam. (ACADEMIC EXPERIENCE)
09/2007 - 09/2009	<b>Doctorate of Computer Science and Education (PhD)</b> at <a href="#">Ho Chi Minh University of Science</a> , Vietnam. (ACADEMIC CERTIFICATE)
09/2002 - 01/2005	<b>Master of Computer Science</b> at <a href="#">Ho Chi Minh University of Science</a> , Vietnam. (ACADEMIC CERTIFICATE).
09/1997 - 09/2001	<b>Bachelor of science in Information Technology</b> at <a href="#">Ho Chi Minh University of Science</a> , Vietnam. (ACADEMIC CERTIFICATE)

## II. Professional Knowledge

My professional knowledge and skills include machine learning, data mining, applied statistics, applied mathematics (Bayesian network, optimization), adaptive learning, and statistical medicine.

## IV. Working Experiences

06/2018 - now	Editor-in-Chief of <a href="#">Adaptation and Personalization (ADP)</a> Journal - International Technology and Science Publications (ITS).
11/2016 - 01/2017	Volunteering as Quality Assurance (QA) analyst for the project “Survey Sampling Design and Analysis” of <a href="#">Millennium Promise Alliance</a> .
03/2015 - 07/2017	<b>Lead Guest Editor</b> of Applied and Computational Mathematics, Science Publishing Group (SciencePG).

## V. Publications

1. [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](https://doi.org/10.31058/j.adp.2019.11002)

2. 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
3. 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
4. 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
5. 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
6. 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
7. 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
8. 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
9. 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
10. 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.
11. Nguyen, L. (2016, April 8). *New version of CAT algorithm by maximum likelihood estimation*. (B. N. Buszewski, Ed.) *Sylwan Journal*, 160(4), 218-244.
12. Nguyen, L., Do, M.-P. T. (2015, November 13). *Hudup: A Framework of E-commercial Recommendation Algorithms*. In A. Fred, J. Dietz, D. Aveiro, K. Liu, & J. Filipe (Ed.), *Final Program and Book of Abstracts of The 7th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (IC3K 2015)* (p. 56). Lisbon: SCITEPRESS. Retrieved from <https://goo.gl/BQaEcm>
13. 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
14. 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
15. 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>

## VI. Products and Projects

1. **REM - Regression models based on expectation maximization algorithm** (2018, September).
2. Special Issue "Some Novel Algorithms for Global Optimization and Relevant Subjects" (2017, July).
3. The first edition of the book "Mathematical Approaches to User Modeling" (Accepted on 2015, January 4).
4. **Hudup - A framework of e-commercial recommendation algorithms** (2013).
5. **Phoebe - A framework of estimating fetus weight and age** (2013).
6. **Zebra - A User Modeling System for Adaptive Learning** (2009).
7. **AGmagic - An image searching framework** (2005).