

# Thanh Long Ly

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## Education

- 2023 – 2027  **National Economics University** Hanoi, Vietnam.  
Data Science in Economics and Business  
CGPA: 3.51/4.0

## Extracurriculum Activities

- 2023 – 2024  **Collaborator in Communication Department**, Club of Actuary Pioneers, National Economics University.
- Developed high-impact promotional assets to drive attendance and enhance club visibility.
- 2024  **Contestant**, MOS World Championship 2024, National Economics University.
- Competed at the regional level in the Microsoft PowerPoint 365 track.
  - Mastered complex slide master workflows, multimedia integration, and sophisticated animation techniques under competitive constraints.
- 2024 – 2026  **Member of Communication Department**, Union of Faculty of Mathematical Economics, National Economics University.
- Conceptualized and executed visual branding for high-profile charity initiatives and freshman orientation events.
- 2025 – Present  **Research Assistant**, Predictive Models and Machine Learning Research Applications, National Economics University.
- Actively participated in research projects, including data collection, analysis, and model development.
  - Developed and implemented AI applications for businesses and organizations.
  - Engaged and presented multiple technical webinars and workshops to share knowledge and insights with the community.

## Projects

### Research Publications

#### Journal Articles

-  **L. T. Lim**, R. T. Chiew, E. K. Tang, A. G. Rusli, and Y. Naimah, “Digitising a machine-tractable version of Kamus Dewan with TEI-p5,” *PeerJ Preprints*, vol. 4, e2205v1, 2016, ISSN: 2167-9843.  DOI: 10.7287/peerj.preprints.2205v1.
-  F. Bond, **L. T. Lim**, E. K. Tang, and H. Riza, “The combined Wordnet Bahasa,” *NUSA: Linguistic studies of languages in and around Indonesia*, vol. 57, pp. 83–100, 2014.  URL: <http://hdl.handle.net/10108/79286>.
-  **L. T. Lim**, L.-K. Soon, T. Y. Lim, E. K. Tang, and B. Ranaivo-Malançon, “Lexicon+TX: Rapid construction of a multilingual lexicon with under-resourced languages,” *Language Resources and Evaluation*, vol. 48, no. 3, pp. 479–492, 2014, ISSN: 1574-020X.  DOI: 10.1007/s10579-013-9253-0.

- 4 L. T. Lim, B. Ranaivo-Malançon, and E. K. Tang, "Low cost construction of a multilingual lexicon from bilingual lists," *Polibits*, vol. 43, pp. 45–51, 2011.
- 5 L. T. Lim, B. Ranaivo-Malançon, and E. K. Tang, "Symbiosis between a multilingual lexicon and translation example banks," *Procedia: Social and Behavioral Sciences*, vol. 27, pp. 61–69, 2011.
- 6 L. T. Wong and E. Someone, "A non-existent paper," *Journal of Carrying On*, vol. 12, 2011.
- 7 E. Someone and L. T. Lim, "Another paper something something," *Journal of Carrying On*, vol. 11, 2010.
- 8 E. Someone and T. Lim, "A fictional research," *Journal of Carrying On*, vol. 10, 2010.
- 9 J. Ruiz, J. R. Ramírez, and J. Ruiz, "Sample paper," *Sample Journal*, vol. 4, 2002.

## Conference Proceedings

- 1 K. M. Boon and L. T. Lim, "An examination question paper preparation system with content-style separation and Bloom's taxonomy categorisation," in *Proceedings of the 3rd International Conference on E-Learning and E-Technologies in Education (ICEEE 2014)*, Kuala Lumpur, Malaysia, 2014, pp. 39–47.  
🔗 URL: <http://goo.gl/pfdUfm>.
- 2 L. T. Lim, L.-K. Soon, T. Y. Lim, B. Ranaivo-Malançon, and E. K. Tang, "Context-dependent multilingual lexical lookup for under-resourced languages," in *Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics*, Sofia, Bulgaria, 2013, pp. 294–299.
- 3 L. T. Lim, B. Ranaivo-Malançon, and E. K. Tang, "Symbiosis between a multilingual lexicon and translation example banks," in *Proceedings of the 12th Conference of the Pacific Association for Computational Linguistics (PACLING 2011)*, Kuala Lumpur, Malaysia, 2011.
- 4 L. T. Lim, "Multilingual lexicons for machine translation," in *Proceedings of the 11th International Conference on Information Integration and Web-based Applications & Services (iiWAS2009) Master and Doctoral Colloquium (MDC)*, Kuala Lumpur, Malaysia, 2009, pp. 732–736.
- 5 L. T. Lim and D. Schwab, "Limits of lexical semantic relatedness with ontology-based conceptual vectors," in *Proceedings of the 5th International Workshop on Natural Language Processing and Cognitive Science (NLPSC'08)*, Barcelona, Spain, 2008, pp. 153–158.
- 6 D. Schwab and L. T. Lim, "Blexisma2: A distributed agent framework for constructing a semantic lexical database based on conceptual vectors," in *Proceedings of the 1st International Conference on Distributed Frameworks & Applications 2008 (DFMA 2008)*, Penang, Malaysia, 2008, pp. 102–110.
- 7 L. T. Lim, E. H. Tan, and E. K. Tang, "Digitising dictionaries for advanced look-up and lexical knowledge research in Malay," in *Proceedings of the 11th International Conference on Translation*, Kuala Lumpur, Malaysia, 2007.
- 8 D. Schwab, L. T. Lim, and M. Lafourcade, "Conceptual vectors, a complementary tool to lexical networks," in *Proceedings of the 4th International Workshop on Natural Language Processing and Cognitive Science (NLPSC 2007)*, Funchal, Madeira, Portugal, 2007.
- 9 D. Schwab, L. T. Lim, and M. Lafourcade, "Les Vecteurs Conceptuels, un Outil Complémentaire aux Réseaux Lexicaux," in *Proceedings of Traitement Automatique des Langues Naturelle (TALN 2007)*, Toulouse, France, 2007.
- 10 L. T. Lim, "Improving translation selection with conceptual vectors," in *Proceedings of the Regional Computer Science Postgraduate Colloquium (RecSPC'06)*, Penang, Malaysia, 2006, pp. 231–234.
- 11 L. T. Lim and N. Hussein, "Fast prototyping of a Malay WordNet system," in *Proceedings of the Language, Artificial Intelligence and Computer Science for Natural Language Processing (LAICS-NLP) Summer School Workshop*, Best Paper Award, Bangkok, Thailand, 2006, pp. 13–16.

## Books and Chapters

- 1** B. Belaton and **L. T. Lim**, Eds., *Grid Computing Cluster: The Development and Integration of Grid Services and Applications*. Penang, Malaysia: Platform for Information & Communication Technology Research, Universiti Sains Malaysia, 2009, ISBN: 978-983-3986-58-3.
- 2** E. K. Tang, **L. T. Lim**, H. H. Ye, and D. Schwab, "Grid-enabled Blexisma2," in *Grid Computing Cluster: The Development and Integration of Grid Applications and Services*, B. Belaton and **L. T. Lim**, Eds., Penang, Malaysia: Platform for Information & Communication Technology Research, Universiti Sains Malaysia, 2009, pp. 23–26.

## Skills

Languages	■ Strong reading, writing and speaking competencies for English, Mandarin Chinese, Bahasa Malaysia.
Coding	■ Java, PHP, Python, R, SQL, XML/XSL, L <sup>A</sup> T <sub>E</sub> X, ...
Databases	■ MySQL, PostgreSQL, HSQL, SQLite, LotusNotes.
Web Dev	■ HTML, CSS, JavaScript, Apache Web Server, Tomcat Web Server.
Misc.	■ Academic research, teaching, training, consultation, L <sup>A</sup> T <sub>E</sub> X typesetting and publishing.

## Miscellaneous Experience

### Awards and Achievements

- 2002 ■ **Merit Award**, Random Training Course held at Secret Location.  
2001 ■ **Department Prize for Outstanding Student Performance**, Unseen University.

### Certification

- 2014 ■ **Certified XYZ Practitioner**. Awarded by X Insitute.  
2006 ■ **Certified Level 3 in ABC**. Awarded by ABC.

## References

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