

Dittaya Wanvarie

Assistant Professor

CONTACT

Department of Mathematics and Computer Science,
Faculty of Science, Chulalongkorn University,
Bangkok, Thailand, 10400

Tel: +(66)2-218-5160

E-mail: dittaya.w@chula.ac.th

Website: <http://pioneer.netserv.chula.ac.th/~wdittaya/>

WORK EXPERIENCE

- | | |
|-----------------------|--|
| August 2020 - Present | AI expert, UTC Chulalongkorn University |
| Jan 2019 - Present | Advisory Board, ACAYA.ai |
| July 2012 - Present | Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University |
| Dec 2018 - May 2020 | Part-time consultant for the data science team, Tencent Thailand |
| 2015 - Present | Special lecturer, School of International and Interdisciplinary Engineering Programs, King Mongkut Institute of Technology Lad Krabang <ul style="list-style-type: none">- Data structures and algorithms- Compile construction- Fundamentals of programming |
| 2015 - 2016 | Special lecturer, Faculty of Science and Information Technology, Bangkok University <ul style="list-style-type: none">- Compiler construction |

EDUCATION

- | | |
|---------------------|--|
| Mar 2008 - Oct 2011 | Ph.D. (Computational Intelligence and Systems Science)
Thesis: Active Learning with Partially |
|---------------------|--|

[Annotated Sequence.](#)

Advisor: Prof. Dr. Manabu Okumura
Tokyo Institute of Technology

- Apr 2006 – Mar 2008 M.Eng. (Computational Intelligence and Systems Science)
Advisor: Prof. Dr. Manabu Okumura
Tokyo Institute of Technology
- Jun 2001 – Mar 2005 B.Eng. (Computer Engineering)
Advisor: Prof. Dr. Boonserm Kijssirikul
Chulalongkorn University

TEACHING

basic computer programming (C, Python), data structures and algorithms, theory of computation, compiler construction, introduction to machine learning, introduction to deep learning, operating systems, computer systems, cloud architect

PROFESSIONAL MEMBERSHIP

ACM Professional membership since August 2018 (Membership ID 2212872)

CERTIFICATIONS

- AWS Certified Cloud Practitioner since March 2019
- AWS Certified Solutions Architect since July 2020
- AWS Academy Accredited Educator since March 2019
- Microsoft Certified: Azure Fundamentals since December 2020

CURRENT PROJECTS

- Growth performance prediction in livestock production
- Neurodegenerative disease detection from recorded speech
- Legal information retrieval

PUBLICATIONS

- Jin Y., Wanvarie D., Phu LTV. [Learning from Noisy Out-of-Domain Corpus Using Dataless Classification.](#) Natural Language Engineering. (2020) In press.
- Charoenphakdee N., Lee J., Jin Y., Wanvarie D., Sugiyama M. [Learning Only from Relevant Keywords and Unlabeled Documents.](#)

Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing and the 9th International Joint Conference on Natural Language Processing (EMNLP-IJCNLP). (2019). pp. 3993--4402.

- Kamtue K., Euchukanonchai K., Wanvarie D., Pratanwanich N. [Lukthung Classification Using Neural Networks on Lyrics and Audios.](#) Proceedings of the 2019 International Computer Science and Engineering Conference (ICSEC). (2019). pp. 269--274.
- Jin Y., Wanvarie D., Phu L. [Combining Lightly-Supervised Text Classification Models for Accurate Contextual Advertising.](#) Proceedings of the Eighth International Joint Conference on Natural Language Processing (Volume 1: Long Papers). (2017). pp. 545--554.
- Chuwatthanaturux S., Wanvarie D. [Improving noise estimation with RAPT pitch voice activity detection under low SNR condition.](#) Proceedings of 2016 8th International Conference on Knowledge and Smart Technology (KST). (2016). pp 77--82.
- Wanvarie D., Ek-atchariya S., Kaewwipat T. [Unsupervised construction of a word list on tourism from Wikipedia.](#) Proceedings of the 2015 International Computer Science and Engineering Conference (ICSEC). (2015). Article ID 7401412.
- Wanvarie D. [Thai Grapheme-Phoneme Alignment: Many-to-Many Alignment with Discontinuous Patterns.](#) Proceedings of the 6th Asian Conference on Intelligent Information and Database Systems. (2014). pp. 63--72.
- Wanvarie D., Takamura H., Okumura M. [Active Learning with Subsequence Sampling Strategy for Sequence Labeling Tasks.](#) Journal of Natural Language Processing Vol.18 No.2 (June 2011). pp. 153--173.
- Wanvarie D., Takamura H., Okumura M. [Accelerating the Sequence Annotation using Split Annotation with Active Learning.](#) International Journal of Computational Linguistics and Applications. Vol.2 No. 1-2 (Jan-Dec 2011). pp. 105--119.
- Wanvarie, D., Takamura H., Okumura M. [Active Learning with Partially Annotated Sequence.](#) IPSJ SIG Notes 2010-NL-198(4), pp. 1--7.
- Wanvarie D., Takamura H., Okumura M. [Active Learning for Sequence Labelling with Probability Re-estimation.](#) Proceedings of the 11th Pacific Rim international conference on Trends in artificial intelligence. (2010). pp. 681--686.
- Wanvarie D., Takamura H., Okumura M. [Simplicity Bias for Semi-Supervised Parser.](#) 言語処理学会 第14回年次大会 (2008). pp. 83--86.