

Thanapon Noraset

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Research Interests

Natural Language Processing, Biomedical Image Analysis, Deep Learning, Machine Learning

Professional Experience

Instructor, Faculty of ICT, since September 2018
Mahidol University
Thailand

Education

Doctor of Philosophy, EECS Department
Northwestern University, March 2018

Bachelor of Science, Faculty of ICT
Mahidol University, June 2010

Selected Honors

EECS Annual Awards: Best CS Ph.D. Thesis, 2018
Mahidol University Instructor Development Scholarship, 2013 – 2017
Faculty of ICT Instructor Development Scholarship, 2011 – 2017

Selected Professional Service

Program Committee, *AAAI Conference on Artificial Intelligence*, 2018 – 2019
Program Committee, *International Conference on Learning Representation*, 2019
Program Committee, *Conference on Empirical Methods in Natural Language Processing*, 2018

Selected Publications (Full publication list: [Google Scholar](#))

Thanapon Noraset, Doug Downey, and Lidong Bing. Estimating Marginal Probabilities of N-Grams for Recurrent Neural Language Models. *In Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP)*. ACL, 2018

Thanapon Noraset, David Demeter, and Doug Downey. Controlling Global Statistics in Recurrent Neural Network Text Generation. In *Proceedings of the Thirty-Second Conference on Artificial Intelligence (AAAI 2018)*, 2018

Thanapon Noraset, Chen Liang, Larry Birnbaum, and Doug Downey. Definition Modeling: Learning to Define Word Embeddings in Natural Language. In *Proceedings of the Thirty-First Conference on Artificial Intelligence (AAAI 2017)*, 2017

Chandra Sekhar Bhagavatula, Thanapon Noraset, and Doug Downey. TabEL: Entity Linking in Web Tables. In *The Semantic Web - ISWC 2015: 14th International Semantic Web Conference Proceedings*, pages 425–441. Springer International Publishing, 2015

Thanapon Noraset, Chandra Sekhar Bhagavatula, and Doug Downey. Adding High Precision Links to Wikipedia. In *Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pages 651–656. ACL, 2014

Thanapon Noraset, Chandra Sekhar Bhagavatula, and Doug Downey. WebSAIL Wikifier at ERD 2014. In *Proceedings of the First International Workshop on Entity Recognition and Disambiguation*, ERD '14, pages 119–124. ACM, 2014

Chandra Sekhar Bhagavatula, Thanapon Noraset, and Doug Downey. TextJoiner: On-demand information extraction with multi-pattern queries. In *2014 workshop on Automated knowledge base construction (AKBC)*, 2014

Chandra Sekhar Bhagavatula, Thanapon Noraset, and Doug Downey. Methods for exploring and mining tables on Wikipedia. In *Proceedings of the ACM SIGKDD Workshop on Interactive Data Exploration and Analytics*, IDEA '13, pages 18–26. ACM, 2013