Lyndon White

Curriculum Vitae

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Short Biography

Lyndon White is a PhD candidate with the School of Electrical, Electronic, and Computer Engineering at the University of Western Australia. His primary research area is in natural language processing, focusing on the capturing of semantic meaning. More broadly his research interests include machine learning, data mining, pattern recognition and artificial intelligence.
He is heavily involved with the Julia open-source community. He is the primary author of several packages, and has contributed to a great many other works, including to the language itself. He is currently one of core developers of the TensorFlow.jl package.

Education

2009–2014 **Bachelor of Computer and Mathematical Science (Pure Mathematics, Computation)**, *The University of Western Australia*.

2009–2014 **Bachelor of Engineering (Electrical and Electronic), with Honours**, *The University of Western Australia*.

2015–Today **PhD Candidature**, *The University of Western Australia*.

Awards

Best Student Paper Award CICLing 2016 — Generating Bags of Words from the Sums of their Word Embeddings, Lyndon White, Roberto Togneri, Wei Liu, and Mohammed Bennamoun. (Conference on Intelligent Text Processing and Computational Linguistics)

Publications

[1] L. White, L. While, B. Deeks, and F. Boussaid. Transistor sizing using particle swarm optimisation. In *2015 IEEE Symposium Series on Computational Intelligence*, pages 259–266, Dec 2015.

[2] Lyndon White, Roberto Togneri, Wei Liu, and Mohammed Bennamoun. How well sentence embeddings capture meaning. In *Proceedings of the 20th Australasian Document Computing Symposium*, ADCS '15, pages 9:1–9:8. ACM, 2015.

[3] Lyndon White, Roberto Togneri, Wei Liu, and Mohammed Bennamoun. Generating bags of words from the sums of their word embeddings. In *17th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing)*, 2016.

[4] Lyndon White, Roberto Togneri, Wei Liu, and Mohammed Bennamoun. Modelling sentence generation from sum of word embedding vectors as a mixed integer programming problem. In *IEEE International Conference on Data Mining: High Dimensional Data Mining Workshop (ICDM: HDM)*, 2016.