

Clara Vania

CDT in Data Science
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Education

CDT in Data Science, University of Edinburgh, 2014-2018 (*expected*)

PhD in Data Science, University of Edinburgh, 2015-2018 (*current*)

PhD Topic: *Learning Morphological Representation for Multilingual NLP*

Supervisor: Adam Lopez, Sharon Goldwater

MSc by Research in Data Science, University of Edinburgh, 2014-2015

Courses: Machine Learning and Pattern Recognition, Text Technologies for Data Science, Introductory Applied Machine Learning, Machine Translation, Natural Language Understanding, Foundations of NLP.

Grade: 74.9/100, *with Distinction*

MSc Dissertation: *Bilingual Word Alignment with Side Information*

Supervisor: Adam Lopez

MSc in Computer Science, Universitas Indonesia, 2011

GPA: 3.83/4.00, *Cum Laude*

Master Thesis: *Developing An Indonesian HMM-Based Speech Synthesis System*

Supervisor: Mirna Adriani

BSc in Computer Science, Universitas Indonesia, 2009

GPA: 3.54/4.00, *Cum Laude*

Undergraduate Thesis: *Retrieving Opinion from Indonesian Blogs*

Awards and Honors

Indonesia Endowment Fund For Education Doctoral Scholarship, 2014-2018

Research Interests

Natural Language Understanding, Multilingual NLP, Morphology, Representation Learning, and Low Resource NLP.

Publications

Clara Vania, Xingxing Zhang, and Adam Lopez. UParse: the Edinburgh system for the CoNLL 2017 UD shared task. In Proceedings of the CoNLL shared task, 2017.

Clara Vania and Adam Lopez. From Character to Word to In Between: Do We Capture Morphology? In Proceedings of ACL, 2017.

Alfan Farizki Wicaksono, **Clara Vania**, Bayu Distiawan, and Mirna Adriani. Automatically Building a Corpus for Sentiment Analysis on Indonesian Tweets. In Proceedings of the 28th Pacific Asia Conference on Language, Information, and Computing (PACLIC), 2014.

Clara Vania, Moh. Ibrahim, and Mirna Adriani. Sentiment Lexicon Generation for an Under-Resourced Language. International Journal of Computational Linguistics and Applications (IJCLA 5), 2014.

Clara Vania and Mirna Adriani. Phonetic and Prosodic Implementation for Accented Indonesian HMM-Based Speech Synthesis System. In Proceedings of Oriental COCODA, 2012.

Samuel Louvan, Moh. Ibrahim, Mirna Adriani, **Clara Vania**, and M. Z. Wanagiri. University of Indonesia at TREC 2011 Microblog Track. In Proceedings of the 20th Text REtrieval Conference (TREC), 2011.

Clara Vania and Mirna Adriani. Automatic External Plagiarism Detection Using Passage Similarities. In Proceedings of the 4th International Workshop on Uncovering Plagiarism, Authorship, and Social Software Misuse. Lab Report for PAN at CLEF 10, 2010.

Teaching Experience

Lecturer , Faculty of Computer Science, Universitas Indonesia	2011 - 2014
Courses: Foundations of Programming, Data Structures and Algorithms, Database Systems	
Teaching Assistant , Faculty of Computer Science, Universitas Indonesia	2008 - 2011
Courses: Data Structures and Algorithms, Software Engineering, Information Retrieval, Design and Analysis of Algorithms	
Tutor , University of Edinburgh	2016 - 2017
Courses: Accelerated Natural Language Processing	

Work Experience

Research Assistant , Faculty of Computer Science, Universitas Indonesia	2009 - 2011
Supervisor: Mirna Adriani	
Plagiarism Detection on Indonesian Academic Text	
Software Developer (Intern) , IBM Indonesia	June 2008 - August 2008

Programming Languages

Java, Python, Perl

References

Adam Lopez University of Edinburgh alopez (at) inf.ed.ac.uk
 Sharon Goldwater University of Edinburgh sgwater at) inf.ed.ac.uk

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