Duc-Thuan Vo

Nationality: Vietnamese

Email: thuanvd@gmail.com

Address: 53 Blackthorn Avenue M6N 3H4, Toronto, ON, Canada

Research Interests: Natural Language Processing, Text Mining and Information Extraction

Education

- Ph.D student in Electrical and Computer Engineering
  Ryerson University, Toronto, Canada
- Master of Engineering in Computer Science
  Asian Institute of Technology (AIT), Thailand
- Bachelor of Engineering in Computer Science
  Cantho University, Vietnam

Publications

- Duc-Thuan Vo, Ebrahim Bagheri. "Self-training on refined clause patterns for relation extraction". Information Processing and Management, 2017, Elsevier.
- Duc-Thuan Vo, Ebrahim Bagheri. "Matrix Models with Feature Enrichment for Relation Extraction". In 30th Canadian Conference on Artificial Intelligence, Edmonton, Alberta.
- Duc-Thuan Vo, C-.Y Ock. "Learning to Classify Short Text from Scientific Documents Using Topic Model with Various Types of Knowledge". Expert system with Applications, vol. 42, pp. 1684-1698, 2015, Elsevier (SCI IF: 2.240).
- Duc-Thuan Vo, C-.Y Ock (2015). "Exploiting Language Models to Classify Events from Twitter". Computational Intelligence and Neuroscience journal, vol. 2015.
- Duc-Thuan Vo, C-.Y Ock (2015). "Unsupervised Biomedical Named Entity: A Self-training Approarch". Frontier of Computer Science, Springer (Revision in second round).
- Duc-Thuan Vo, C-.Y Ock (2012). "Extraction of Semantic Relation Based on Feature Vector from Wikipedia". PRICAI 2012, Lecture Notes in Artificial Intelligence, vol. 7458, pp. 814–819, 2012, Springer-Verlag Berlin Heidelberg 2012. Acceptance Rate: 82/240 (34%).
- Duc-Thuan Vo, C-.Y Ock (2012). "A Hybrid Approach of Pattern Extraction and Semi-Supervised Learning for Vietnamese Named Entity Recognition". In 4th Computer Collective Intelligence Technologies and Applications 2012, Lecture Notes in Artificial Intelligence, vol. 7653, Springer-Verlag. Acceptance Rate: 113/397 (28%).

Professional Experience

Teaching Assistant, Ryerson University, Canada
Winter 2015: Object Oriented Engineering Analysis and Design — 2015 – now
Fall 2015, Fall 2016: Software System
Winter 2015: Operating system

Visitor Researcher, IBM Centers for Advanced Studies (CAS), Markham, Canada — 2/2016- now

***Reviewer for following Journals*:**
- Journal of Software Engineering and Knowledge Engineering (2014)
- Cognitive Processing (2015)

	Researcher, University of Ulsan, Korea Areas: Relation Extraction, Named Entities Recognition, Topic Model, Text mining, Data mining	2010 - 2014
	Lecturer, Cantho Software Park and Taydo University, Cantho city, Vietnam Courses: Database Design, Data Structure and Algorithms, Object-oriented Programming, J2EE technologies	2008 - 2010
	Software developer, Cantho Software Park, Vietnam • Project: Hypertension Diagnosis System; Duties: Database design, coding • Project:: Issue Tracking System; Duties: Interface design and coding • Project:: Data Maintenances for GIATA Company, Germany; Duties: Project Manager • Project:: WebGIS – The GIS map of Cantho tourism; Duties: Management, Map design, coding	2003 - 2006

Awards

- Vietnamese government scholarship for Master program at AIT
- Research fellowship, University of Ulsan, South Korea
- Graduate fellowship, Ryerson University, Canada
- European Summer School in Information Retrieval 2015 scholarship

Talks

- The 17th International Conference on Intelligent Text Processing and Computational Linguistics, Konya, Turky, 3-9 April, 2016. Talk on "Clause-based open information extraction with grammatical structure reformation"
- The 12th Pacific Rim International Conference on Artificial Intelligence (PRICAI), Kuching, Sarawak, Malaysia, 3 – 7 September 2012 . Talk on "Extraction of Semantic Relation Based on Feature Vector from Wikipedia".
- 4th International Conference on Computational Collective Intelligence Technologies and Applications, Hochiminh city, Vietnam, 28-30 Novermber 2012. Talk on "A Hybrid Approach of Pattern Extraction and Semi-Supervised Learning for Vietnamese Named Entity Recognition".

Technical Skills

- Programming languages: C/C++, C#, Java, JavaScript, Pascal, PHP, SQL
- Web Technologies: XML, XSLT, XQuery, DTD, CSS, Protege

Languages

- Vietnamese: native
- English: fluent