

## CURRICULUM VITAE of KHANG NHUT LAM

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### 1. EDUCATIONAL QUALIFICATIONS

PhD in Computer Science	expected in 2015	University of Colorado, Colorado Springs, USA
Masters in Information Technology	2008-2009	Ewha Women University, Seoul, Korea
Bachelors in Computer Science	2000-2005	Can Tho University, CanTho, Vietnam

### 2. RESEARCH INTERESTS

- 2011-now: Automatically creating lexical resources such as bilingual dictionaries, Wordnets and corpora for natural languages
- 2008-2009: Using Gene Ontology and Natural language processing for biomedical information extraction
- 2004-2005: Simulation of an Automatic Teller Machine security system

### 3. EXPERIENCE

- 2013: Teaching Assistant, Design and Analysis of Algorithm at the University of Colorado, Colorado Springs, USA.
- 2012-2013: Instructor for the CS 1020: Web Page Design in the Fall and Spring at the University of Colorado, Colorado Springs, USA.
- 2011-now: Research Assistant at Language Information and Computation Lab under Dr. Jugal Kalita at the University of Colorado, Colorado Springs, USA. Conducted research related to computational linguistics, lexicography, constructing Wordnets, generating question/answer pairs.
- 2005-2007 and 2009-2011: Instructor at the Can Tho University, Can Tho, Vietnam.
  - o Courses taught: Internet, Computer Networks, Network Design, Network Management, Network Programming and Web Design. Approximately 2,500 periods each year
  - o Advisor for undergraduate student class projects, about 500 projects per year
  - o Advisor for undergraduate students

### 4. RELEVANT EDUCATION AND TRAINING

- 2008: Asian Women Entrepreneurs Conference, “Power of Asian Women Entrepreneurs: A Vision for World Economy”, Seoul, Korea.
- 2005: Certificate of attendance at Summer School on Computational Logics and Logical Foundations for Computer Science of Asia Link Project, Hanoi, Vietnam
- 2005 : Certificate de stage formation de formateur aux technologies de l’information, Can Tho, Vietnam

### 5. PUBLICATIONS

- Khang N. Lam, Feras A. Tarouti and Jugal Kalita. 2014. Automatically constructing Wordnet synsets. In *Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics (ACL)*, pages 106-111, Baltimore, USA, June.
- Khang N. Lam, Feras A. Tarouti and Jugal Kalita. 2014. Creating Lexical Resources for Endangered Languages. In *Proceedings of the Workshop on The use of computational methods in the study of endangered languages (ComputEL)*, pages 54-62, Baltimore, USA, June. Association for Computational Linguistics.

- Khang Nhut Lam. 2014. Automatically creating multilingual lexical resources. In *Proceedings of the Doctoral Consortium at the 28th AAAI Conference on Artificial Intelligence (AAAI)*, pages 3077-3078, Quebec, Canada, July.
- Khang N. Lam and Jugal Kalita. 2013. Creating reverse bilingual dictionaries. In *Proceedings of the Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)*, pages 524-528, Atlanta, USA, June.
- Khang N. Lam and Jugal Kalita. 2014. Automatically Creating New Bilingual Dictionaries: A Survey. **Submitted to** Natural Language Engineering on July 3rd.
- Khang N. Lam and Jugal Kalita. 2014. Algorithm Development to Create Reverse Dictionaries. **Submitted to** ACM Transactions on Asian Language Information Processing (TALIP) on August 15th.

## 6. HONORS AND AWARDS

- 2014: Student Travel Award, the Association for Computational Linguistics (ACL) and the Workshop on The use of Computational methods in the study of Endangered Languages (ComputEL), Baltimore, USA
- 2014: Student Travel Award, the Twenty-Eighth AAAI Conference on Artificial Intelligence (AAAI-14), Quebec, Canada.
- 2013-2014: Graduate Fellowship Award for Outstanding Graduate Students from the University of Colorado, Colorado Springs, USA.
- 2011-2015: Graduate Fellowship package awarded from the Vietnam International Educational Development (VIED) of the Ministry of Education and Training (MOET) of the Socialist Republic of Vietnam
- 2008-2009: Full scholarship package awarded, “ACE Scholarship”, of Interdisciplinary Program of Technology and Development Program (IPTD Program) for Master studies in Engineering and Science Department at Ewha Women University.
- 2003-2005: “A-Class” scholarship for students with highest academic results from the Ministry of Education and Training of Vietnam for three consecutive years.
- 2002-2005: Monthly stipend from an Educational NGO in Vietnam for academically gifted students.

## 7. SOCIETY ACTIVITIES

- 2010: Master of Ceremonies for the 3rd International Conference on the Theories and Applications on Computer Science (ICTACS), Can Tho, Vietnam .
- 2007-2008: Organization Leader of the National Informatics Olympic team of Can Tho University, Can Tho, Vietnam
- 2006-2007: Leader of IT club at Can Tho University, Can Tho, Vietnam.
- 2006-2007: Organization Leader of Green Summer Program of Can Tho University in a program to teach basic computer skills to people in countryside (South of Vietnam).

## 8. COMPUTER SKILLS

- Programming languages: Java, C++, C, PhP, SQL, HTML, CSS, JavaScript
- Operating System: Window
- Document publishing: Microsoft Office, Latex