


Duc Tam Hoang

CONTACT INFORMATION	Full name: Duc Tam Hoang (sometimes Tam Hoang) Mathematics and Physics Faculty, Charles University in Prague 527, Koleje Otava, Chemická 954, Praha 4, Prague Email: tamhd1990@gmail.com Mobile: +420 773867677 Skype: tamhd1990	
RESEARCH INTERESTS	Natural Language Processing, particularly Statistical Machine Translation, Information Retrieval and Opinion Mining.	
EDUCATION	Charles University in Prague M.S, Mathematical Linguistics, Computer Science (9/2013 - 9/2015) <ul style="list-style-type: none">• GPA: 1.08 of Czech grading scale (equivalent to 3.92 of 4.0 US grading scale)• Diploma Thesis: Pivoting Machine Translation for Vietnamese University of Engineering and Technology, VNU B.Sc, Computer Science, Honors Program (9/2008-6/2012) <ul style="list-style-type: none">• GPA: 3.33/4.00 (<i>Distinction</i>)• Thesis: An Ontology-based Vietnamese Question Answering System for Academic Regulation	
SKILLS	<ul style="list-style-type: none">• Background: Mathematics, Computational Linguistics, Computer Science.• Programming Languages: Python, Perl, Shell/Bash Script, Java, C/C++.• OS: Linux and Windows• Tools: Git, Svn, MySQL, Lucene, Carrot², Moses, Eman• Others: Regular Expression, Dynamic Programming, Object-oriented Programming, CSS/HTML/JSP.• Favourite editor: vim	
LANGUAGE PROFICIENCY	<ul style="list-style-type: none">• Vietnamese - native• English - fluent	
AWARDS & HONORS	<ul style="list-style-type: none">• 2014: Excellence Scholarship for top Students at Faculty of Mathematics and Physics, Charles University in Prague.• 2013: Fully-funded master scholarship at Charles University in Prague.• 2010-2012: One First and two Second prizes at Vietnamese National Mathematical Olympiad for Undergraduates.• 2010-2012: Young Symbolization awards at University of Engineering and Technology.• 2008-2012: Government Fellowship for excellent students in the ISP program.• 2008-2012: Excellent Academic Performance, by UET/Coltech.• 2008: Rank 1st at the University Entrance Exam of UET/Coltech, VNU.	

RESEARCH EXPERIENCE	Institute of Formal and Applied Linguistics, MFF, UK	
	<i>Intern</i>	July 2014 to September 2014
	<ul style="list-style-type: none"> • Implementation of Triangulation tools for Moses (Statistical Machine Translation) • Advisor: Ondřej Bojar (ondrej.bojar@mff.cuni.cz) 	
	Human Machine Interaction Laboratory , UET/Coltech, VNU	
	<i>Researcher</i>	July 2012 to September 2013
	<ul style="list-style-type: none"> • Project of Vietnamese QA: Building a Question Answering System using relational database (cooperation with Japan Advanced Institute of Science and Technology) • Solution: Bipartite graph matching 	
	<i>Undergraduate research assistant</i>	September 2010 to June 2012
	<ul style="list-style-type: none"> • World Bank Project of DEPOCEN company: a Question Answering System for Business Statistics and Analysis. • UET, VNU: Building a Question Answering System for Academic Regulation • Solution: Creating manual patterns for Question Answering 	
WORKING EXPERIENCE	TextAn - MFF automatic analysis of Police documents, Prague, The Czech Republic	
	<i>Software Project - MFF</i>	December 2013 to September 2014
	<ul style="list-style-type: none"> • GitHub: https://github.com/PreXident/TextAn • Task: Automatic Object Assigner: mapping natural entity to database object • Solution: Heuristic Ranking Methods and Machine Learning Classifier. 	
	Tinh Van Telecommunication Company, Hanoi, Vietnam	
	<i>Industrial Training - Part-time programmer</i>	April 2011 to December 2011
	<ul style="list-style-type: none"> • Project: Xalo Search Engine on mobile device (java programmer) 	
	Presentation Club, Vice Presentation, UET, VNU, 2011	
TEACHING EXPERIENCE	Faculty of Information Technology, UET/Coltech, VNU	
	<i>Teaching</i>	January 2013 to September 2013
	<ul style="list-style-type: none"> • Fundamental Informatics: C/C++ Programming • Teaching the Mathematics Team. In preparation for the 21st Vietnam Mathematics Olympiad for Undergraduates, 2013. 	
PUBLICATIONS	Conference papers	
	2. Duc Tam Hoang, Minh Le Nguyen, Son Bao Pham. L2S: Transforming natural language questions to SQL queries . 20th international conference on Application of Natural Language to Information Systems, Passau, Germany, 2015. (submitted)	
	1. Dat Tien Nguyen, Duc Tam Hoang, Son Bao Pham. A Vietnamese Natural Language Interface to Database [PDF]. Sixth IEEE International Conference on Semantic Computing September 19-21, 2012 Palermo, Italy	
	Others	
	1. Duc Tam Hoang, Aleš Tamchyna, Ondřej Bojar. MultiMT: from any source via many pivots into a single target language . MT Marathon 2014 Project, Trento, Italy.	

REFERENCES

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