

CURRICULUM VITAE

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EDUCATION

2012	PhD in Computer Science Paris-Sud University, France
2009	Master's Diploma in Artificial Intelligence & Multimedia Institut de la Francophonie pour l'Informatique (IFI), Vietnam
2005	Graduate Diploma in Computer Science University of Danang, Vietnam

TEACHING EXPERIENCES

2012-now	Lecturer Departement of Software Engineering, Faculty of Information Technology Ho Chi Minh City University of Science, Vietnam Teaching Language: Vietnamese, English, French
2009-2011	Teaching Assistant Polytech Paris-Sud, France Teaching language: French

LANGUAGE

Vietnamese	: Mother tongue
English	: Fluent
French	: Fluent

RESEARCH INTERESTS

Main research orientation	Formal verification, static analysis, floating-point arithmetic
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RESEARCH PROJECTS

Hiseo (2009-2012)	Hiseo is a project funded by Digiteo, explore the issues related to the compilation of floating-point programs http://hiseo.saclay.inria.fr/
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Improving COCOMO
through Analyzing
Trends in Productivity
and Its Impact Factors
Over Time
(2015-2017), Role:
Research member

This project is funded by NAFOSTED
(<http://www.nafosted.gov.vn/en/>)

PUBLICATIONS

1. Thi Minh Tuyen Nguyen and Claude Marché. Hardware-Dependent Proofs of Numerical Programs. International conference on Certified Programs and Proofs. LNCS. December 2011, Taiwan.
2. T. M. T. Nguyen and C. Marché. Proving floating-point numerical programs by analysis of their assembly code. Research Report 7655, INRIA, 2011, <http://hal.inria.fr/inria-00602266/en/>.
3. Sylvie Boldo and Thi Minh Tuyen Nguyen. Proofs of numerical programs when the compiler optimizes. Innovations in Systems and Software Engineering, 7:151-160, June 2011.
4. Sylvie Boldo and Thi Minh Tuyen Nguyen. Hardware-independent proofs of numerical programs. In Proceedings of the Second NASA Formal Methods Symposium, NASA Conference Publication, Washington D.C., USA, April 2010.
5. Thi Minh Tuyen Nguyen and Mathias Rossignol. ADRPhone, A Lightweight Standalone Phonetizer for Vietnamese and its Dialects. Oriental COCODA, Hanoi, Vietnam, December 2007.