



CURRICULUM VITAE

PERSONAL INFORMATION

- Name : **Quan Thanh Tho**
- Gender : Male
- Date of birth : 07/04/1976
- Place of birth : Ho Chi Minh City
- Citizenship : Vietnamese
- ID/passport number : 025705104
- Academic title : Associate Professor
- Affiliation : Ho Chi Minh City University of Technology
- Address : 268 Ly Thuong Kiet Street, Ho Chi Minh City, Vietnam
- Phone number : +84 919890203
- E-mail : qttho@cse.hcmut.edu.vn
- Personal website : www.cse.hcmut.edu.vn/~qttho

EDUCATION

- Doctor of Philosophy in Computer Science** 2006
Nanyang Technological University, Singapore
- Bachelor of Engineering in Computer Science** 1998
Ho Chi Minh City University of Technology, Vietnam National University
– Ho Chi Minh City

PROFESSIONAL EXPERIENCE

- 2013 – present Head of Department of Software Engineering, Faculty of Computer Science and Engineering, Ho Chi Minh City University of Technology
- 2008 - 2013 Head of Department of Computer Science, Faculty of Computer Science and Engineering, Ho Chi Minh City University of Technology
- 2008 - 2013 Lecturer, Department of Computer Science, Faculty of Computer Science and Engineering, Ho Chi Minh City University of Technology

COURSES TAUGHT

- Software Project Management
- Software Testing
- Mobile Applications Development
- Program Verification
- Data Structures and Algorithms
- Compiler: Principles and Implementation
- Principles of Programming Languages
- Automata Theory and Formal Languages
- Artificial Intelligence
- Intelligent Systems
- Programming Methodologies

RESEARCH INTERESTS

- **Topic 1: Intelligent Systems**

Making use of data mining, machine learning, knowledge management and information retrieval to develop intelligent systems.

- **Topic 2: Software Verification**

Making use of formal methods to verifies properties of software systems.

SELECTED PUBLICATIONS

- Tung Thanh Nguyen, Tho Thanh Quan, Tuoi Thi Phan, “**Sentiment search: an emerging trend on social media monitoring systems**”, *ASLIB Journal of Information Management*, Vol. 66 Iss: 5 (ISI-indexed), 2014
- Minh Hai Nguyen, Thien Binh Nguyen, Thanh Tho Quan and Mizuhito Ogawa, **A Hybrid Approach for Control Flow Graph Construction from Binary Code**, In *Proceedings of the 20th Asia-Pacific Software Engineering Conference (APSEC 2013), Postgrad Symposium*, Thailand, 2013
- Luu Anh Tuan, Jun Sun, Yang Liu, Jin Song Dong, Xiaohong Li, and Quan Thanh Tho. **SEVE: Automatic Tool for Verification of Security Protocols**, *Frontiers of Computer Science*, Special Issue on Formal Engineering Method, Springer, Volume 6, Issue 1, 2012, pp. 57-75, ISSN 2095-2228, ISI-indexed

- Anh D. Le, Tho T. Quan, Nguyen T. Huynh, Phung H. Nguyen, **CTGE: An Effective Constraint-based Test-case Generation Algorithm for Detecting Regression Bugs in Evolving Programs**, In *Proceedings of the 6th International Conference on Software and Data Technologies (ICSOFT 2011)*, Spain, INSTICC, SciTePress, ISBN 978-989-8425-77-5, pp. 36-43, 2011
 - He Y. & Hui, S.C. & Quan, T.T., **Automatic Summary Assessment for Intelligent Tutoring Systems**, *Computers & Education*, Vol. 53, Issue 3, pp. 890-899, ISSN 0360-1315, IF: 2,617, 2009
 - Quan,T.T. & Hui, S.C, **Ontology-based Natural Query Retrieval using Conceptual Graphs**, In *Proc. of Tenth Pacific Rim International Conference on Artificial Intelligence (PRICAI 08)*, Vietnam,pp. 309-320, Springer Verlag,ISBN-10 3-540-89196-X, ISBN-13 978-3-540-89196-3, 2008
 - Quan, T.T. & Fong, A.C.M. & Hui, S.C. **A scholarly semantic web system for advanced search functions**. *Online Information Review*, Vol. 31, No.3, pp. 353-364,ISSN 1468-4527, 2007
 - Quan, T.T. & Hui, S.C. & Fong, A.C.M. **A citation-based document retrieval system for finding research experts**. *Information Processing & Management*, Vol. 43, pp. 248-264, ISSN:0306-4573, 2007.
 - Quan, T.T. & Hui. S.C. & Fong, A.C.M. **Automatic fuzzy ontology generation for semantic help-desk support**. *IEEE Transactions on Industrial Informatics*, Vol.2, No. 3, pp. 155-164, ISSN 1551-3203, 2006
 - Quan, T.T. & Hui, S.C. & Fong, A.C.M. & Cao, T.H. **Automatic fuzzy ontology generation for Semantic Web**. *IEEE Transactions on Knowledge and Data Engineering*, Vol. 18, No. 6, pp. 842- 856,ISSN 1041-4347, 2006
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