

DUONG NGUYEN'S RESUME

PERSONAL DETAILS

Full name Duong Nguyen
DOB 24/12/1979
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KEY HIGHLIGHTS

- § PhD Qualification, obtained on May 2005 from University of Southampton, UK - BSc on Computer Science, obtained on Nov 2001 from University of Wollongong, Australia
- § Has been working as a researcher in ISRC, BT since March 2005
- § Hold one patent and co-authored another patent
- § Has authored and co-authored 8 conference papers and 5 journal papers
- § Achieved a number of awards and prizes

EDUCATION

- 02/02 - 05/05** **PhD in Computer Science**
University of Southampton, United Kingdom
Thesis: A heuristic model for concurrent bilateral negotiations in incomplete information settings
Supervisor: *Prof. Nick Jennings*
- 03/99 - 12/01** **Bachelor of Computer Science with Distinction**
University of Wollongong, Australia
Major in Secure Distributed Systems (GPA 8.7/10)
Supervisor: *Prof. Rei Safavi Naini*
- 09/94 - 05/97** **High School Certificate**
Gifted High School –National University, Vietnam
Major in Information Technology (GPA 8.9/10)

RESEARCH INTERESTS

- § Artificial Intelligence, Agent technologies, Web services
- § Intelligent Information / Workflow Management systems

EMPLOYMENT HISTORY

- 03/05 – now** **Researcher**
Intelligent Systems Research Center, BT
- Development of iService/Kreno
 - Project leader of the KIS project to develop the Web Portal for ISRC
- Manager:** *Simon Thompson*
- 06/02 – 02/05** **Teacher assistant, Demonstrator**
University of Southampton, United Kingdom
Subjects: *COMP1004, COMP1003, ELEC1010*
Manager: *Eric Cooke*
- 06/00 – 11/01** **C++ Programmer**
Itree software Pty, Ltd, Australia
Writing commercial software for RTA®
Manager: *Rod Knight*
- 03/00 – 11/01** **Teacher assistant, Lab tutor**
University of Wollongong, Australia
Subjects: *CSCI111, CSCI201, CSCI204*
Manager: *Willy Susilo*

PROFESSIONAL ACTIVITIES

- § **Reviewer of ICEC 05** - 7th International Conference on Electronic Commerce - <http://icec.net/>
- § **Reviewer of EC-Web 05** - 6th International Conference on Electronic Commerce and Web Technologies - <http://www.dexa.org>

SKILLS

- § **System analysis and design**
Several years of experience on Object Oriented methodologies
- § **Programming**
Java, C/C++, SQL, Visual Basic, Delphi
- § **Web design and implementation**
HTML, PHP, XML, Javascript, JSP
- § **System and Network management**
Microsoft Windows Server, Linux, Oracle 8i

HONORS AND AWARDS

- 2005** **Finalist** (*as a member of Kreno development team*)
BCS Machine Intelligence Prize Competition, SGAI, Cambridge, UK
- 2004** **Best paper award**
6th Int. Conf. on Electronic Commerce, Delft, The Netherlands
- 2002** **3 years PhD Research Scholarship**
University of Southampton, UK
- 2001** **University Foundation Research and Development Scholarship**
Value at A\$10,000
- 1999 - 2001** **Various merits and prizes**
Top 5 students in the Faculty of Informatics for 3 years consecutive
- 1999** **5th prize, ACM Programming Contest**
Programming contest among universities in Australia and New Zealand
- 1996** **Bronze medal – International Olympic of Informatics**
International Programming Contest held in Vezprem, Hungary

PATENTS

- § T. D. Nguyen, S. G. Thompson, N. Giles, H. Gharib (2005) “**Goal Personalisation and refinements based on customer profiles**”, *patent number A30910*.
- § H. Gharib, S. G. Thompson, T. D. Nguyen, Y. Li (2006) “**Recoverability Analysis System for Web Service-based software systems**”, *agreed by the IPD to be filed in the financial year 2006*.

PUBLICATIONS

- § T. D. Nguyen, S. G. Thompson (2006), “**Intelligent Agent Framework for Order Entry and Management**”, *completed, to be submitted to an external conference*.
- § T. D. Nguyen, S. G. Thompson (2006), “**Extending Goal Semantic for BDI Agents**”, *submitted to AAMAS 07 for review*.
- § S. G. Thompson, H. Gharib, N. Giles, Y. Li, T. D. Nguyen (2007) “**Using AI and Semantic Web Technologies to attack Process Complexity In Open Systems**”, *Knowledge Based Systems, Elsevier (to appear)*.
- § T. D. Nguyen, S. G. Thompson, J. Patel, L. W. T. Teacy, N. R. Jennings, M. Luck, V. Dang, S. Chalmers, N. Oren, T. J. Norman, A. Preece, P. M. D. Gray, G. Shercliff, P. J. Stockreisser, J. Shao, W. A. Gray and N. J. Fiddian

(2006), “**Delivering services by building and running virtual organisations**”, *BT Technology Journal*, 24(1), 141-152.

§ S. G. Thompson, M. Cioffi, H. Gharib, N. Giles, Y. Li, T. D. Nguyen (2006) “**From Trips to Telcos, Next Generation Service Portals**”, *BT Technology Journal*, 24(1), 27-39.

§ S. G. Thompson, H. Gharib, N. Giles, Y. Li, T. D. Nguyen (2006) “**Using AI and Semantic Web Technologies to attack Process Complexity In Open Systems**”, *Proc. 26th SGAI International Conference of the British Computer Society Specialist Group on Expert Systems*, Cambridge, UK, (to appear).

§ T. D. Nguyen and N. R. Jennings (2005), “**Managing commitments in multiple concurrent negotiations**”, *International Journal Electronic Commerce Research and Applications*, Elsevier, 4 (4), 362-376.

§ T. D. Nguyen and N. R. Jennings (2004), “**Reasoning about commitments in multiple concurrent negotiations**”, *Proc. 6th Int. Conf. on Electronic Commerce*, Delft, The Netherlands, 77-84.

§ T. D. Nguyen and N. R. Jennings (2004), “**Coordinating multiple concurrent negotiations**”, *Proc. 3rd Int. Conf. on Autonomous Agents and Multi-Agent Systems*, New York, USA, 1064-1071.

§ T. J. Norman, A. Preece, S. Chalmers, N. R. Jennings, M. Luck, V. D. Dang, T. D. Nguyen, V. Deora, J. Shao, A. Gray and N. Fiddian (2004), “**Agent-based formation of virtual organizations**”, *Int. J. Knowledge Based Systems*, 17 (2-4), 103-111.

§ T. J. Norman, A. Preece, S. Chalmers, N. R. Jennings, M. Luck, V. D. Dang, T. D. Nguyen, V. Deora, J. Shao, A. Gray and N. Fiddian (2003), “**CONOISE: Agent-based formation of virtual organizations**”, *Proc. 23rd SGAI Int. Conf. on Innovative Techniques and Applications of AI*, Cambridge, UK, 353-366.

§ T. D. Nguyen and N. R. Jennings (2003), “**A heuristic model of concurrent bi-lateral negotiations in incomplete information settings**”, *Proc. 18th Int. Joint Conf. on AI*, Acapulco, Mexico, 1467-1469.

§ T. D. Nguyen and N. R. Jennings (2003), “**Concurrent bi-lateral negotiation in agent systems**”, *Proc. Int. 4th DEXA Workshop on e-Negotiations*, Prague, Czech Republic, 839-844.

REFERENCES

§ Available upon requested