CURRICULUM VITAE

Dr. Athitaya Nitchot
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PERSONAL DATA

Date of Birth:	3 November 1985
Marital Status:	Single
Nationality:	Thai

EDUCATION

2007	Bachelor of Science (Computer Science, Mathematics and Statistics) Mount Carmel College Bangalore University, India
2008	Master Of Science (Web Technology) School of Electronics and Computer Science University of Southampton, UK
2012	PhD in Computer Science Electronic and Software System Group School of Electronics and Computer Science University of Southampton, UK

ACHIEVEMENT

2004	Won the best student award of 2004 from Mahavajiravudh Songkhla School
2004	Received the full funding scholarship from Thai government (for Bachelor, Master, and PhD study)
2009	Received STELLAR Travel Scholarship by the STELLAR Doctoral Academy board
2010	Received International Grant from the Royal Academy of Engineering

POSITION

2012 – 2013	Researcher Digital Media Informatics Laboratory (DMI), NECTEC
2013 – 2015	Lecturer Prince of Songkla University International College, PSU

PREVIOUS PROJECTS

1. "Music Store db" implemented using Visual basic (VB)
2. "Online Music Catalogue' implemented using ASP
3. "Online Greeting Card Service" implemented using ASP.net
4. "PXP Trading Agents" in ECS TAC tournament (ranked in first position)
5. Tsunami Simulator (written in java)
6. Adaptive Wiki (adaptive extension of MediaWiki software)

PhD TOPIC

"A Competence-based system for recommending study materials from the Web"

WORK PROJECTS

1. eDLTV Project Funded by Office of Vocational Education Commission, Thailand 2013 - 2014

RESEARCH PROJECTS

1. "Representing Knowledge Structures and Adaptively Recommending Learning Materials" funded by Thailand Research Funding (May 2016 – May 2018)

PROTOTYPES

1. Adaptive eDLTV Mobile Application (Field Prototype)
2. Context-aware and ubiquitous support within eDLTV Mobile Application (Field Prototype)

PUBLICATIONS

JOURNALS

1. Nitchot, A. and Gilbert, L (2015). Does the Web Contain Pedagogically Informed Materials? The COSREW Outcomes. *Electronic Journal of e-Learning (EJEL)*, 13(5).

2. Nitchot A. (2015). Knowledge-based System for Suggesting Learning Materials from the Web (MyTeLeMap). Man in India, 96(1-2).

3. Nitchot, A., Gilbert, L. and Wills, G. (2013). Competence-based self-study system for suggesting study materials links. *Journal of Educational Technology Systems*, 42(3).

4. Nitchot A., et al. (2013). Context-awareness using Linear Classifiers and Adaptivity on eDLTV Mobile Application. *International Journal of Computer Science and Technology (IJCST)*, 4(4).

CONFERENCE PROCEEDINGS

1. Nitchot, A., Gilbert, L. and Wills, G. (2010). A Competence-based System for Recommending Study Materials from the Web (CBSR). In: *The 9th International Conference on Information Technology Based Higher Education and Training (ITHET 2010)*, 29 April - 01 May 2010, Cappadocia, Turkey.

2. Nitchot, A., Gilbert, L. and Wills, G. (2010). Towards a Competence based System for Recommending Study Materials (CBSR). In: *The 10th IEEE International Conference on Advanced Learning Technologies*, 5 - 7 July 2010, Sousse, Tunisia.

3. Nitchot, A., Gilbert, L. and Wills, G. (2010). A Competence Model to Design Assessment Questions for Self-Study. In: *2010 International Computer Assisted Assessment (CAA) Conference: Research into E-Assessment*, 20th & 21st July 2010, Southampton, UK.

4. Nitchot, A., Gilbert, L. and Wills, G. (2011). Competence-based System for Recommending Study Materials from the Web: Design and Experiment. In: *ED-MEDIA 2011-World Conference on Educational Multimedia, Hypermedia & Telecommunications*, 27 June - 1 July 2011, Lisbon, Portugal.

5. Nitchot, A., Gilbert, L. and Wills, G. (2011). Designing XML Schema of a Competence Structure from Course Intended Learning Outcomes. In: *The 14th IASTED International Conference on Computers and Advanced Technology in Education*, 11 - 13 July 2011, Cambridge, UK.

6. Nitchot, A., Gilbert, L. and Wills, G. (2011). Designing a Competence Structure to Generate Learning Paths and Assessment Questions for Self-Study. In: *2011 International Computer Assisted Assessment (CAA) Conference*, Southampton, UK.

7. Nitchot, A., Gilbert, L. and Wills, G. (2012). Competence Web-based System for Suggesting Study Materials Links: Approach & Experimental Design. In: *EdMedia 2012 - World Conference on Educational Media and Technology*, Denver, CO, USA.

8. Nitchot, A., Gilbert, L. and Wills, G. (2013). Constructing a Competence Structure in Recommending Study Materials Links. In: *AIT 2013 The Second International Conference on Advances in Information Technology*, 6 – 7 April 2013, Bangkok, Thailand.

9. Nitchot, A. and Krataithong, P. (2013). Adaptive and Ubiquitous Supports within eDLTV Mobile Application. In: *The 1st International Conference on Technical Education* (ICTechEd2013), Bangkok, Thailand.

10. Nitchot, A (2015). Knowledge-based System for Suggesting Learning Materials from the Web (MyTeLeMap). In: *The 1st International Conference on Educational Studies (ICES 2015)*, Jahor Bahru, Malaysia.

11. Nitchot, A (2016). Digitized and Visualized Knowledge Structures in Recommending Associated Web Links. In: *First EAI International Conference on Computer Science and Engineering (COMPSE 2016),* Penang, Malaysia.

12. Nitchot, A, Wettayaprasit, W. and Gilbert, L. (2017). Monitoring, Teaching and Learning using Knowledge Maps and Structures (MyTeLeMap). In: the International Conference on Digital Arts, Media and Technology (ICDAMT 2017), Chiangmai, Thailand.

PATENT

1. อุปกรณ์วิเคราะห์และแสดงข้อมูลองค์ความรู้ในลักษณะโครงสร้างความสัมพันธ์ (อนุสิทธิบัตร – (เลขที่คำขอ 13033001239, เลขที่ประกาศ 12063, เลขที่อนุสิทธิบัตร 12063)) Tool for analyzing and displaying the relationships within knowledge structures (Petty patent, Registration number: 13033001239, Advertising number 12063, Petty Patent number 12063)

2. อุปกรณ์ตรวจสอบและสร้างภาพความสัมพันธ์โครงสร้างองค์ความรู้ (สิทธิบัตร – เลขที่คำขอ 1401005887, เลขที่ประกาศ 158297)) Validation and authoring tool for knowledge structures (Patent, Registration number: 1401005887, Advertising number 158297)

3. อุปกรณ์สำหรับแนะนำสถานที่ใกล้เคียงจำแนกตามประเภทบนมือถือ (สิทธิบัตร – กำลังยื่นคำขอ (เลขที่คำขอ 1601000508)) Tool within mobile application for recommending nearby places according to their categories (Patent, Registration number 1601000508)

CONFERENCES PAPERS REVIEWED

1. The International Conference on Information and Communication Technology for Embedded Systems (ICICTES)
2. 2013 International Computer Science and Information Conference (ICSEC 2013, 2014 & 2015)
3. The 21st International Conference on Computers in Education 2013
4. International Conference on Information and Communication Technology (ICoICT 2014, 2015 & 2016)
5. The IEEE Conference on Wireless Sensors (ICWiSE)
6. International Joint Conference on Computer Science and Software Engineering (JCSSE 2015 & 2016)

PROGRAMMING SKILLS

1. C and C#
2. JAVA
3. Visual Basic (VB)
4. Active Server Pages (ASP &ASP.NET)
5. PHP
6. HTML,XHTML
7. XML, XML-Schema
8. Ontology Design (using Protégé')
9. Wiki developer
10. Wordpress

COMPUTER SKILLS

1. MS-Office and Open-Office
2. SPSS
3. EndNote
4. Adobe Photoshop

RESEARCH INTERESTS

1. Competency Management
2. E-learning and Pedagogy Issues
3. E-assessment and Feedbacks
4. Knowledge Management and Semantic Web
5. Adaptive Hypermedia
6. Assistive Technology