

CURRICULUM VITAE

Athanasios Tsintsifas

University Education

- 1996-2002: **Ph.D. Computer Science** from the University of Nottingham, UK. Thesis: “A Framework for the Computer Based Assessment of Diagram-Based Coursework”
- 1993-1994: **M.A. Information Technology** from the University of Nottingham, UK. Thesis: “An Editor for the DXF Format of the GRASP Robotics System”
- 1990-1993: **B.Sc. level degree in Computer Engineering** (equivalent to 2.1 in UK) from the CITY School of Liberal Studies, Greece. Thesis: “A System for the Automatic Recognition and Transcription of Byzantine Psalm to Byzantine Notation”

Research

Refereed Journal Papers:

Higgins C., Gray G., Symeonidis P., Tsintsifas A., *Automated Assessment and Experiences of Teaching Programming*, Journal of Educational Resources in Computing (JERIC), Special Issue on Automated Assessment, published by ACM, 2005.

Higgins C., Hegazy T., Symeonidis P., Tsintsifas A., *The CourseMaster CBA System*, Journal of Education and Information Technologies (official Journal of the IFIP Technical Committee on Education), 2003, published by Chapman and Hall, ISBN 1360-2357.

Refereed Conference Papers:

Higgins C., Symeonidis P., Tsintsifas A., *Diagram-Based CBA using DATsys and CourseMaster*, International Conference on Computers in Education (ICCE'02), Auckland, New Zealand, December 3-6, 2002

Higgins C., Symeonidis P., Tsintsifas A., *The Marking Subsystem for CourseMaster*, 7th Annual Conference on Integrating Technology Into Computer Science Education (ITiCSE'02), University of Aarhus, Denmark, June 24-26, 2002

Higgins C., Symeonidis P., Tsintsifas A., *CourseMaster: Marking Programs and Diagrams*, LTSN-ICS'02, Conference on Dealing With Plagiarism in ICS Education, University of Warwick, UK, April 11-12, 2002

Higgins C., Hegazy T., Symeonidis P., Tsintsifas A., *The CourseMaster CBA System: Improvements over Ceilidh*, 5th Annual Computer Assisted Assessment Conference (CAA'01), Loughborough, UK, July 2-4, 2001, Pages 189-201, ISBN 0-9539572-0-9

Foxley E., Higgins C., Symeonidis P., Tsintsifas A., *The CourseMaster Automated Assessment System - a Next Generation Ceilidh*, Conference on Computer Assisted Assessment to support the ICS disciplines, University of Warwick, April 5th - 6th, 2001

Foxley E., Higgins C., Tsintsifas A., Symeonidis P., *The Ceilidh-CourseMaster System, An Introduction*, Proceedings of the 4th Java in the Computing Curriculum Conference (JICC 4), SouthBank University, UK, January 24, 2000

Foxley E., Higgins C., Tsintsifas A., Symeonidis P., *CourseMaster: More Than Just a Better Ceilidh*, 7th Annual Conference on the Teaching of Computing, Innovation and Integration: Creating Effective Learning Environments, University of Ulster, Northern Ireland, August 25-27, 1999

Foxley E., Higgins C., Tsintsifas A., Symeonidis P., *Ceilidh, a System for the Automatic Evaluation of Student Programming Work*, Proceedings of the 4th International Conference on Computer Based Learning in Science (CBLIS'99), 1999, University of Twente, Netherlands, July 2-6, 1999, Section I6

Foxley E., Higgins C., Tsintsifas A., *The Ceilidh System: A General Overview*, Proceedings of the 2nd Annual International Computer Assisted Assessment Conference (CAA'98), Loughborough, UK, June 17-18, 1998

Foxley E., Higgins C., Symeonidis P., Tsintsifas A., *Automatic Assessment of Coursework on the Web Using Ceilidh*, Proceedings of the 4th International Conference on Computers in education (ICCE98), Beijing, China, October 14-17, 1998

Foxley E., Higgins C., Tsintsifas A., Symeonidis P., *Security Issues under Ceilidh's WWW Interface*, Proceedings of the 4th International Conference on Computers in education (ICCE'98), Beijing, China, October 14-17, 1998, Pages 235-240

Foxley E., Nobar P., Tsintsifas A., *Ceilidh and the World Wide Web*, Proceedings of the 3rd International Conference on Computer Based Learning in Science (CBLIS'97), Leicester, UK, July 4-8, 1997, Section G6, ISBN 80-7040-217-2

Journal Refereeing:

Journal of Educational Resources in Computing (JERIC), 2004, ACM

Innovations in Teaching And Learning in Information and Computer Sciences (ITALICS -ISSN: 1473-7507), 2003, LTSN Centre for Information and Computer Sciences (LTSN-ICS), UK

Awards:

In 1989, at the age of 16, I have been awarded 3rd place in the Greek Contest of Electronics. I had designed and implemented a digital telephone device with several added features such as changing the pitch of the speaker's voice, automatically recording the call and switching between input telephone lines.

Academic Interests:

My main academic areas are Computer Based Assessment, learning technologies, diagrammatic representations and visual languages. My software engineering interests focus on object and aspect oriented technologies, framework architectures, and generative programming.

Teaching Experience

Positions held:

30/06/97 to date: *Software Engineering Consultant*, delivering industrial courses and consultancy, independently, and for a number of consultancy firms.

01/03/02 to 01/03/03: *Research Assistant*, University of Nottingham, UK.

01/10/00 to 01/03/01: Assistant Lecturer, University of Nottingham, UK.

17/03/98 to 30/06/99: Research Assistant, University of Nottingham, UK.

Industrial Training:

Since 1997, I have developed and delivered many industrial training courses related to software design, programming concepts, advanced Java, Object-Oriented Design, and UML to governmental bodies such as HMGCC (Her Majesty's Government Communication Centre) and UK's eGovernment, as well as to a large number of international companies. I have received excellent feedback in all aspects of my training courses by more than 98% of all the delegates that I have taught.

University Teaching:

At the University of Nottingham I taught modules such as Java programming (G51PRG) and Object Orientation to classes of 300+ undergraduate students.

Work Experience

01/03/06 to now: **Independent Consultant** undertaking the design and implementation of websites, e-shops, web applications and other types of software for a multitude of companies in Greece.

01/03/05 to 01/03/08: **Technical Director** of Executable Knowledge, marketing mobile software products generated with MAGIK. MAGIK is a software generator for mobile applications that I designed and implemented over a period of 6 months during 2005

01/09/99 to date: **Independent Consultant**, for various software projects, clients include HMGCC, UK's eGovernment, Lion Bioscience, Uni-Lever, Vision Express, Autotrader, Datawise, Agathos, and HL-Plastics.

30/06/99 to 30/06/04: **Chief Operating Officer (COO)** of Acknowledge Technologies, a leading training and consultancy firm operating in the UK.

01/03/02 to 01/03/03: **Research Assistant** developing modules for the CourseMarker automated

assessment system. In addition, I got involved in the development of software projects for web based data mining with robots and spiders, and frameworks for simple J2ME games.

07/02/98 to 30/06/99: **Technical Lead**, responsible for the development and production release of the CourseMaster distributed courseware system, Learning Technology Group, University of Nottingham, UK.

01/07/92 to 01/09/93: **Technical Director** and joint founder of Cybersoft LTD, Thessaloniki, Greece, designing and implementing numerous commercial software products.

Selection of Implemented Software Systems:

ICE:
(2003-2004) Interactive Classroom Explorer (ICE) is an innovative system that improves the way video training material is studied, discussed and debated by trainee teachers. ICE modules combine video training material together with its transcript, comments on activities and course related resources in a single intuitive interface. ICE was developed for the department of Education at the University Of Nottingham.

NT Cursive Writing:
(2003-2004) A writing processing system that allows the joining of typed characters according to the rules of cursive writing. It was developed for Nelson-Thornes using Word-VBA and is currently used by more than 2000 schools in the UK.

DATsys:
(1998-2001) Diagrammatic Assessment Teaching System, an Object Oriented Framework and three authoring environments (Daidalos, Ariadne, Theseus) for generating direct manipulation diagram-based editors, 2001, <http://www.cs.nott.ac.uk/~azt/daidalos>

CourseMarker:
(1997-1998) CourseMarker (CM) is a Computer Based Assessment (CBA) system for supporting the full life cycle of generic and free-response automatically assessed coursework. <http://www.cs.nott.ac.uk/CourseMarker>

Other Information

I speak English, French and Greek fluently. In addition to computer science, my interests are general science, history and art. I enjoy playing jazz guitar, mountain running and creating all types of artwork.