STUDIES

[2002-2006] Docteur d'Informatique. Très Honorable (Highest Mention). École Doctorale Science – Technologie – Santé, Faculté des Sciences & Techniques, **Université de Limoges, France.**

Doctoral Thesis: Machine Learning and Decision Support in Declarative Scene Modelling – Acquisition and Management of Morphological User Preferences in the Context of a Design Environment. **Supervisors Prof. D.Plemenos, Prof. G.Miaoulis.**

[1992-1994] Master of Science. GPA 3.9 (/4) - Excellent (Highest Mention). Major: Software Systems. Computer Science Department, College of Engineering, **University of California, Santa Barbara, U.S.A.**

Master's Thesis: Hybrid Concurrency Control in Real-time Database Systems. Simulation and comparison of real-time protocols for database systems. Implementation and experimental comparison of Real-time Ordered Shared 2PL and WAIT-X protocol families. Invention and implementation of a new family of protocols. **Supervisors Prof. D.Agrawal, Prof. A. El Abbadi.**

[1987-1992] Diploma of Engineering in Computer Engineering and Informatics, GPA 8,74 (/10) - Excellent (Highest Mention). Department of Computer Engineering & Informatics, Polytechnic School, **University of Patras, Greece.**

Diploma Thesis: Explanatory survey of existing protocol verification algorithms. Presentation of the corresponding software tools. Partial implementation of the X-windows user interface for an existing protocol simulator. **Supervisor Prof. P.Spirakis.**

PUBLICATIONS

Books	2 (1 as co-author)
Collective Volumes	8
Journals/Series	5
Peer-reviewed International Conferences	22
Citations	103 (Scholar), 30 (Scopus)
h-index	6 (Scholar), 4 (Scopus)

PROFESSIONAL EXPERIENCE IN EDUCATION

[2021-today] Assistant Professor. Permanent faculty member at the Department of Informatics and Computer Engineering, University of West Attica. Teaching 5-year diploma courses **Computer Graphics** and **Data Structures**, participating in courses **Decision Support and Process Management Systems, Multimedia and Communications** and **Analysis and Design of Information Systems**. Participating in graduate courses **Fundamentals of Computer Graphics, Advanced Computer Graphics** and **Modeling and Animation** for the Master Program "Artificial Intelligence and Visual Computing - AIVC" of the Department of Informatics and Computer Engineering in cooperation with the Department of Informatics of University of Limoges. Serving as Erasmus+ Departmental Coordinator. **University of West Attica, Greece.**

[2018-2021] Lecturer. Permanent faculty member at the Department of Informatics and Computer Engineering, University of West Attica. Teaching 5-year diploma course **Computer Graphics**, co-teaching 5-year diploma course **Data Structures**, participating in **Decision Support and Process Management Systems**. Participating in graduate courses **Fundamentals of Computer Graphics, Software Analysis and Development, Management and Decision Support Systems** and **Modeling and Animation** for the Master Program "Informatics, Image Synthesis and Graphics Design - ISICG/TIM" of the Department of Informatics and Computer

Engineering in cooperation with the Department of Informatics of University of Limoges. **University of West Attica, Greece.**

[2010-2018] Applications Professor. Permanent faculty member at the Department of Informatics, TEI of Athens. Teaching undergraduate course **Computer Graphics**, participating in courses **Introduction to Programming** (Tutoring+Labs), **Data Structures** (Labs), **Design and Implementation of Information Systems** (Labs) as well as graduate courses **Fundamentals of Computer Graphics** (tutoring), **Software Analysis and Design** and **Advanced Databases & Information Systems** (projects supervision) for the Master Program "Informatics and Information and Communication Sciences" of the Department of Informatics of TEI of Athens in cooperation with the Department of Informatics of the University of Limoges. **Technological Educational Institute of Athens, Egaleo, Greece.**

[2007-2010] Scientific and Lab Associate in Graduate Program. Tutoring and lab instruction for the courses **Software Analysis and Design** and **Advanced Databases & Information Systems** for the Master Program "Informatics and Information and Communication Sciences" of the Department of Informatics of TEI of Athens in cooperation with the Department of Informatics of the University of Limoges. **Technological Educational Institute of Athens, Egaleo, Greece.**

[2001-2010] Lab Associate. Instruction of the lab module of the Data Bases II, Analysis and Design of Information Systems, Design and Implementation of Information Systems courses. Technological Education Institution (TEI) of Athens, Department of Informatics, Athens, Greece.

[2006-2010] Instructor. Co-instruction of the Analysis, Design and Implementation of Information Systems for Public Administration course. National Centre of Public Administration, Athens, Greece. Co-author of the volume *Miaoulis G., Bardis G., Analysis, Design and Implementation of Information Systems for Public Administration. National Centre for Public Administration*, Athens, Greece.

[2001-2010] Computer Information Systems Professor. Instruction of CS3376 – C Language Programming, CS3260 – Fundamentals of RDBMS, CS2290 – The Unix Operating System, CS1188 – Introduction to Programming and CS2237 – Computer Aided Design courses. All teaching in English. Author of original class notes, exams and lab assignments. The American College of Greece, Deree College, Agia Paraskevi, Athens, Greece.

[2000-2010] Lab Instructor. Instruction of the lab module of CS1070 – Computers Today (MS Windows, MS Word, MS Excel, MS PowerPoint) and CS2179 – Small Business Computer Systems (MS Access, MS Project, MS Outlook) courses. All teaching in English. The American College of Greece, Deree College, Agia Paraskevi, Athens, Greece.

[1997-2001] Associate Teaching Fellow – Recognized Teacher. Officially approved teaching status by University of Essex and Brunel University for the Information Technology and Engineering Software courses of their respective Foundation Years. Courses included Computer Programming (C language), Application Software (AutoCAD, Word, Excel), computer use. All teaching in English, preparation of class notes for the programming section. The British Council, Higher Education Unit, Kolonaki, Athens, Greece.

[2000–2003] Gymnasium-Lyceum Teacher. Teaching of nationally examined for university admission course Application Development in Programming Environment to 3rd grade of Lyceum. Teaching of Information Technology course to 2nd and 3rd grade of Gymnasium, as well as Information Technology Applications (Pascal, HTML) to 1st, 2nd and 3rd grade of Lyceum. The American College of Greece, Pierce College, Agia Paraskevi, Athens, Greece.

[1997-2000] Information Technology Instructor. Teaching of programming languages (C, Pascal, Clipper), Application Software (Word, Excel), Computer Use (Windows 9x, 3.1x, DOS) as part of the education program of the specialties "Information Technology Applications Specialist", "Computer Aided Designer", etc. Public Institute of Vocational Training (IEK) of Argyroupoli, Athens, Greece.

[1998-2001] Grader of Practical and Written Examinations at the national Accreditation Examination of Professional Expertise in the areas of Information Technology Applications and Telematics. Organization of Professional Education and Training (OEEK), Athens, Greece.

[1992-1994] Reader. Preparation of solutions, grading of homeworks, etc. for the courses Advanced Topics in Database Systems (graduate course), Operating Systems, Data Structures, Linear Programming and Optimization, Computer Network Models. University of California, Santa Barbara, U.S.A.

OTHER PROFESSIONAL EXPERIENCE

[2012-today] Researcher. Project Intelligent Pattern Recognition Techniques for the Development of Multimodal Representations of Urban Areas, Research Program Archimedes III, Scientific Coordinator Professor N.Vassilas. **Technological Educational Institute (TEI) of Athens, Egaleo, Greece.**

[2012-today] Instructor/Expert. Summer School Instructor, co-author of supporting study, proposal for alternative educational programs, supportive educational material, etc. for the project Promotion of the Technological Educational Institute of Ionian Islands as an international education and innovation pole (MIS 352400), Scientific Coordinator Lecturer K.Kabassi, **Technological Educational Institute of Ionian Islands, Zante, Greece.**

[2003-2007] Research Consultant. Case studies analysis, design and implementation for educational multimedia applications within the context of Information Systems Analysis and Design course. European Union Operational Program for Education and Initial Vocational Training (EPEAEK), **Technological Education Institution (TEI) of Athens, Department of Informatics, Athens. Greece.**

[2004-2007] Researcher. Management and Research for Work Package Machine Learning of the Research Program Archimedes. European Union Operational Program for Education and Initial Vocational Training (EPEAEK), **Technological Education Institution (TEI) of Athens, Department of Informatics, Athens, Greece.**

[1999,2000] Expert Scientist. Member of the three-member experts' committee responsible for selecting, refining, commenting and solving the examination questions for the national Accreditation Examination of Professional Expertise in the areas of Information Technology Applications and Telematics. **Organization of Professional Education and Training (OEEK), Athens, Greece.**

[1996-1997] Information Technology and Telecommunications Consultant. Participation in European Union projects (EUPHIN/CARE – the European Health Network, SERT – A study for the automation of statistical data extraction from the accounting systems of the European enterprises). Project Management meetings with E.U. and Member-States representatives, interaction with officers of participating Member-States and Enterprises, decision making, preparation of deliverables and proposals. **European Dynamics S.A., Athens, Greece.**

OTHER ACADEMIC ACTIVITY

[2012-today] Member of the editorial committee of the **International Journal of Systems Biology and Biomedical Technologies (IJSBBT),** Kossida S., Kastania A. (Eds.), IRMA International.

[2013-today] Member of the editorial committee of the **International Journal of Digital Earth,** Taylor & Francis Group.

[2006-2010] Member of the organizing committee of 3IA – **International Conference on Computer Graphics and Artificial Intelligence.**

OTHER PROFESSIONAL ACTIVITY

[1995-1996] Military Service. Implementation of software system for electronic document management Direction of Technical Corps of 1st Support Brigade, Kozani, 306 Base Factory of Telecommunications, Athens.

[1993] Internship. Contacts with software companies, evaluation of applications for document management, demonstration of software functionality to end-users, understanding of the World-Wide-Web at its birthplace. **Administrative Support Division, C.E.R.N. – the European Centre for Nuclear Research, Geneva, Switzerland.**

[1991-1992] Assistant VAX/VMS System Manager. User training, software installation, user data management and accounting, supervision of system operators. Computer Centre of the Department of Computer Engineering and Informatics, Computer Centre of the Department of Civil Engineering, **University of Patras, Greece.**

[1990-1991] System Operator. Member of the helpdesk team supporting UNIX, VMS, DOS, Apple/Finder, IBM/VM operating systems, MicroVAX and VAX, Macintosh, IBM 4322, Sun, PC systems. Computer Centre of the Department of Computer Engineering and Informatics, Computer Centre of the Department of Civil Engineering, **University of Patras, Greece.**

OTHER CREDENTIALS

[2003] Master Microsoft Office Specialist – Microsoft Office Master Certification. Includes MS Word, MS Excel (Expert Certification), MS Access, MS Outlook, MS PowerPoint (Specialist Certification). Examination was sponsored by the American College of Greece.

[2004] Programming with C#. Attendance of certified Microsoft seminar. Participation was sponsored by the American College of Greece.

[2006] BLACKBOARD Course Management System. Workshop organized by the American College of Greece.

PROFESSIONAL UNIONS

[1994-today] Member of the Technical Chamber of Greece (TEE).

HONORS AND AWARDS

[1989-1992] Scholarships awarded by the Merchant Seamen's Fund for academic excellence for the last three years of undergraduate studies.

[1984] Award by National Mathematical Society for excellent performance in annual contest, participation in the national competition for the Mathematics Olympics.