

# Curriculum Vitae

## Leonidas L. Frigidis

Assistant Professor  
Management Science and Technology Department  
International Hellenic University  
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Scientific Field: "Analysis and Design in Software Development of Information Systems in Businesses and Organizations"

Birth date: 12/9/1976  
Marital Status: Married (2 children)

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### SUMMARY

- IT Expert in Information System Implementation with twenty (20) years of professional experience.
- Vast experience in analysis, design, development, integration and implementation of Information Systems in different EU and National Financed projects.
- Experience in Computer Networks and Operation Systems Administration.
- Highest performance with successful information systems integration in different sectors as Quality Assurance, eHealth, eEducation, Innovation and Entrepreneurship, Enhance Employment, Warehouse Management.
- Teaching Informatics courses with twenty two (22) years of academic experience in Higher Education Institutions

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### EDUCATION

- 2010-2017** Democritus University of Thrace, Greece, Production and Management Engineering Department  
PhD in Analysis, Design and Modeling of an Integrated Information System supports Electronic Health Records
- 2007-2008** University of Greenwich, U.K., Department of Accounting & Finance  
MSc. in Finance and Financial Information Systems (with Merit)  
Patient Accounting System - Estimation of the Daily Hospitalization Cost
- 1999-2000** University of Wales, Swansea, U.K., Electrical and Electronic Engineering Department  
MSc. in Communications Systems, Modelling Local Area Networks with UML
- 1994-1999** University of Wales, Swansea, U.K., Computer Science Department  
BSc. in Computer Science, Formal Specification of the DLX Microprocessor

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### PROFESSIONAL EXPERIENCE OVERVIEW

**Period:** November 2021 – December 2022

**Position:** e-Education Information Systems Expert

**Job Description:** In charge of the design and implementation of a National Massive Open Online Education (MOOC type) for Kindergarten Teachers on the Introduction of the English Language in Kindergarten using the infrastructure of the Education Policy Institute

**Organization:** Aristotle University of Thessaloniki, Project "Kindergarten Teachers Training for the Introduction of English Language in Kindergarten"

**Period:** April 2021 – May 2023

**Position:** Information Systems Expert

**Job Description:** Design and implementation of the intelligent agriculture platform AGRO4 + SPA. Designing the laboratory and field measurements considering meteorological and cultural models of infrastructure subsystems of AGRO4 + Infrastructures.

**Organization:** Research Center for Innovation in Information, Communication and Knowledge Technologies 'Athina' - Xanthi's division, Project "AGRO4+ - Holistic approach to Agriculture 4.0 for new farmers"

**Period:** July 2011 – February 2019

**Position:** IT Expert in Quality Assurance Information System Integration

**Job Description:** In charge for Quality Assurance Information System implementation and integration with the rest information systems of the University, ensuring interoperability with the Hellenic Quality Assurance and Accreditation Agency Information System

**Organization:** Democritus University of Thrace, Project "Quality Assurance Unit of Democritus University of Thrace", supported by "Quality Assurance Unit in Greek Universities", co-funded by the EU - National Strategic Reference Framework

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**Period:** September 2013 – November 2015

**Position:** IT Expert of implementation and support of University's open digital courses platform (eLearning)

**Job Description:** Implementation and support of University's open digital courses platform, interoperable with the National Portal for open digital courses. Development of project's web portal, development and support of open digital courses.

**Technological Educational Institute of Central Macedonia,**

**Organization:** Project "Open Courses in Technological Educational Institute of Central Macedonia", co-funded by the EU - National Strategic Reference Framework

**Period:** November 2012 – March 2013

**Position:** Researcher – IT Expert

**Job Description:** Software development for finding the optimal location of tank construction

**Organization:** Technological Educational Institute of Kavala, Project "Archimedes III"

**Period:** July 2011 – June 2013

**Position:** IT Expert in Software Engineering

**Job Description:** Design and development of web applications and services for Innovation and Entrepreneurship Unit Information System. Integration of Employment and Career Unit Information System with Innovation and Entrepreneurship Unit Information System. Requirements Analysis and Implementation of a University's Digital Educational Repository containing informative content concerning entrepreneurship and innovation content.

**Organization:** Technological Educational Institute of Central Macedonia,

Project "Innovation and Entrepreneurship Unit",

co-funded by the European Union - National Strategic Reference Framework

**Period:** March 2008 – September 2008

**Position:** Researcher

**Job Description:** Research in 2 to 1 multiplexer design methodologies using quantum cellular automata

**Organization:** Technological Educational Institute of Kavala, Research Committee

**Period:** October 2003 – September 2008

**Position:** IT Expert – Network and Operation Systems Administrator

**Job Description:** Unix Server Administrator and Microsoft Windows and Linux Computer Laboratories Administrator. Development of web applications: multimedia data base, Electronic Laboratories Registration, Electronic Management of Laboratories Attendance, Electronic Project Management, Electronic Management of Rooms and Materials, Electronic Educational process Evaluation. Mail Server Installation, Forum Installation, eLearning Platform Installation and new modules development.

**Organization:** Technological Educational Institute of Kavala,

Department of Information Management, Project "Informatics Studies Support", co-funded by the European Union - European Social Fund & National Resources through the operational Program: Education and Initial Vocational Training II.

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## ACADEMIC EXPERIENCE OVERVIEW

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**Period:** 2020 - Present

**Position:** Assistant Professor

**Postgraduate:** Management Information Systems and Knowledge Management

**Department:** Production and Management Engineering Department

**MSc. in Innovation, Technology and Business Administration**

**University:** Democritus University of Thrace

**Period:** 2019 – Present

**Position:** Assistant Professor

**Courses:** Data Bases, Information Systems Architecture and Development, Web and Cloud Applications Development, Social Media Networks Development

**Postgraduate:** Information Systems and Digital Innovation, Information Systems Design and Development, Enterprise Resource Planning Systems, Web Programming, ICT and E-Business in Digital Marketing, Web Design and Interoperability, Social and Mobile Marketing, Web and Social Media Programming

**Department:** Management Science and Technology Department, MSc. in Information Systems, MSc. in Digital Marketing, Executive MBA in Tourism

**University:** International Hellenic University

**Period:** 2015 – Present

**Position:** Adjoined Lecturer / Assistant Professor

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**Postgraduate:** Advanced Computer Networks, eLearning Systems

**Department:** **Computer Engineering, Computers and Telecommunications Department MSc. in Applied Informatics**

**University:** **International Hellenic University**

**Period:** 2001 – 2018

**Position:** **Adjoined Lecturer**

**Courses:** Computer Programming I (C), Computer Programming II (C++), Computer Networks I (Network Simulation, Network Programming in Ethernet and TCP/IP Level), Computer Networks II (Network Simulation 'CCNA', Network Sockets Programming)

**Department:** **Department of Industrial Informatics**

**Courses:** System Analysis and Software Engineering, Management Information Systems, Electronic Business Activities, Human - Computer Interaction, Data Communication and Computer Networks, Web Databases Management, Information Management through internet, Data Bases, Multimedia, Object Oriented Programming

**Department:** **Department of Information Management**

**Courses:** Programming techniques

**Department:** **Department of Computer Engineering**

**University:** **Technological Educational Institute of Eastern Macedonia and Thrace**

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#### REVIEWER IN SCIENTIFIC JOURNALS

International Journal of Medical Informatics, ISSN: 1386-5056, Elsevier

Applied Clinical Informatics Journal, ISSN 1869-0327, Thieme

IEE Access, ISSN:2169-3536, IEEE

Journal of Information Science, Sage

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#### PUBLICATIONS

Five papers published in Scientific Journals and 12 papers in International Conference Proceedings

One paper is under publication in a Scientific Journal, Two papers are under review in National Conferences, One paper is under review in an International Conference

Google Scholar h-index: 9 Citations: 337, ResearchGate h-index: 9 Citations: 218, Scopus h-index: 6 Citations: 119

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#### AWARDS

Outstanding Paper in the 2019 Emerald Literati Awards issued by Emerald Publishing - International Journal of Health Care Quality Assurance (September 2019) for the paper "*Implementation of a Nationwide Electronic Health Record (EHR): The International Experience in 13 Countries*"

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#### ADMINISTRATIVE EXPERIENCE OVERVIEW

- Head of the Electronic Forensics section of the Institutionalized Research Laboratory of Electronic Forensics & Digital Data Management
- Appointment of the Scientific Officer of the proposal entitled "New European Evolving Database for Students" under the framework of the "Erasmus+ - KA2 Strategic Partnership for Higher Education" program (2020)
- Member of the Advisory Committee for PhD Candidates three from the Department of Management Science & Technology, one from the Department of Informatics and two from the Department of Production and Management Engineering of DUTH
- Member of a PhD Thesis Examination Committee of the Department of Production and Management Engineering of DUTH
- B.Sc. Thesis Supervision >30 have been completed and 2 are expected to be completed by June 2023
- M.Sc. Dissertations Supervision 13 have been completed and 5 are expected to be completed by September 2023
- Coordinator of the Information Systems Design and Development Working Group, Member of the Process Development and Quality Assurance Working Group, Member of the Department's European Programs Committee
- Member of the Department's Internal Assessment Team (2019-Present)
- Member of the Coordination Committee of MSc. in Information Systems (2019- Present)
- Member of the Coordinating Committee of MSc. In Digital Marketing (2019- Present)
- Member of the Evaluation Committees: Academic Scholars, Young Scientists with PhDs, Teaching Staff
- Participation as a Representative of IHU in the "Municipal Consultation Committee" in Kavala (2019)
- Participation in the Organization of the annual International Student Conference (Euroweek 2020) organized by the Prime Networking university
- Member of the Committee for the Conduction and Evaluation of Preliminary Tenders for the supply of goods and services for the needs of the International Hellenic University, Kavala Campus (2020-2021).